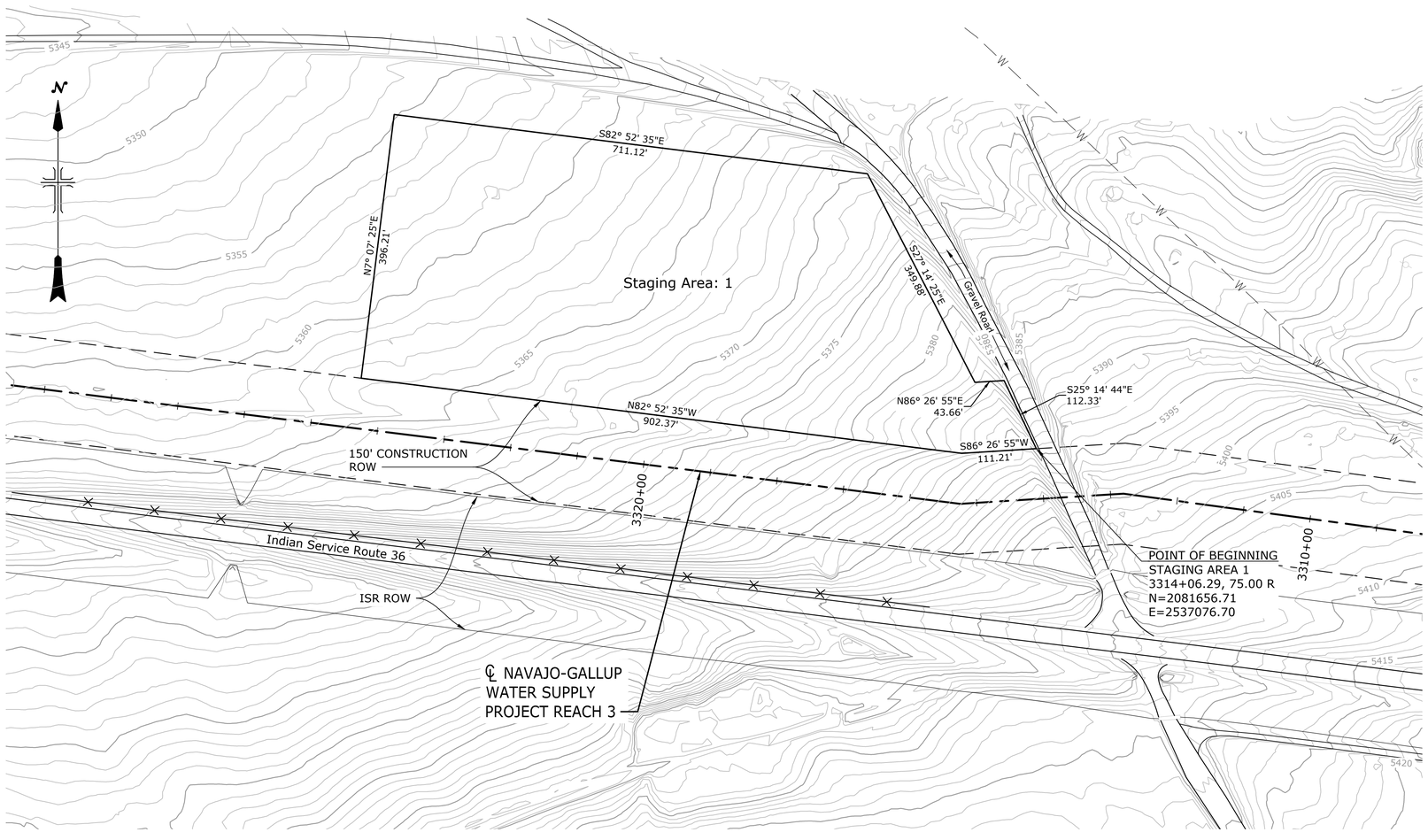
Released



CONTRACTOR USE AREA (STAGING AREA 1)

1" = 100'
0 100' 200'

NOTES

1. For Plan and Profile, see (60783).
2. Extents shown taken from 1695-529-60446 showing Parcel No. Rch 3-Tribal Trust-04(T).
3. For General Notes, Abbreviations, and Symbols, see (60249).

FOR INFORMATION ONLY

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U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

NAVAJO-GALLUP WATER SUPPLY PROJECT
NEW MEXICO

SAN JUAN LATERAL - BLOCK 2 - 3

REACH 3 - LINE PIPE

A. Marner
DESIGNED
A. Marner
DRAWN
K. Pelzer
CHECKED
Marner, Andrew (Andy) J P.E.
TECH. APPR.
Pelzer, Kylie C P.E.
APPROVED Civil Engineer
PEER REVIEWER

DENVER, CO 2026-06-04

CONTRACTOR USE AREA

STAGING AREA 1

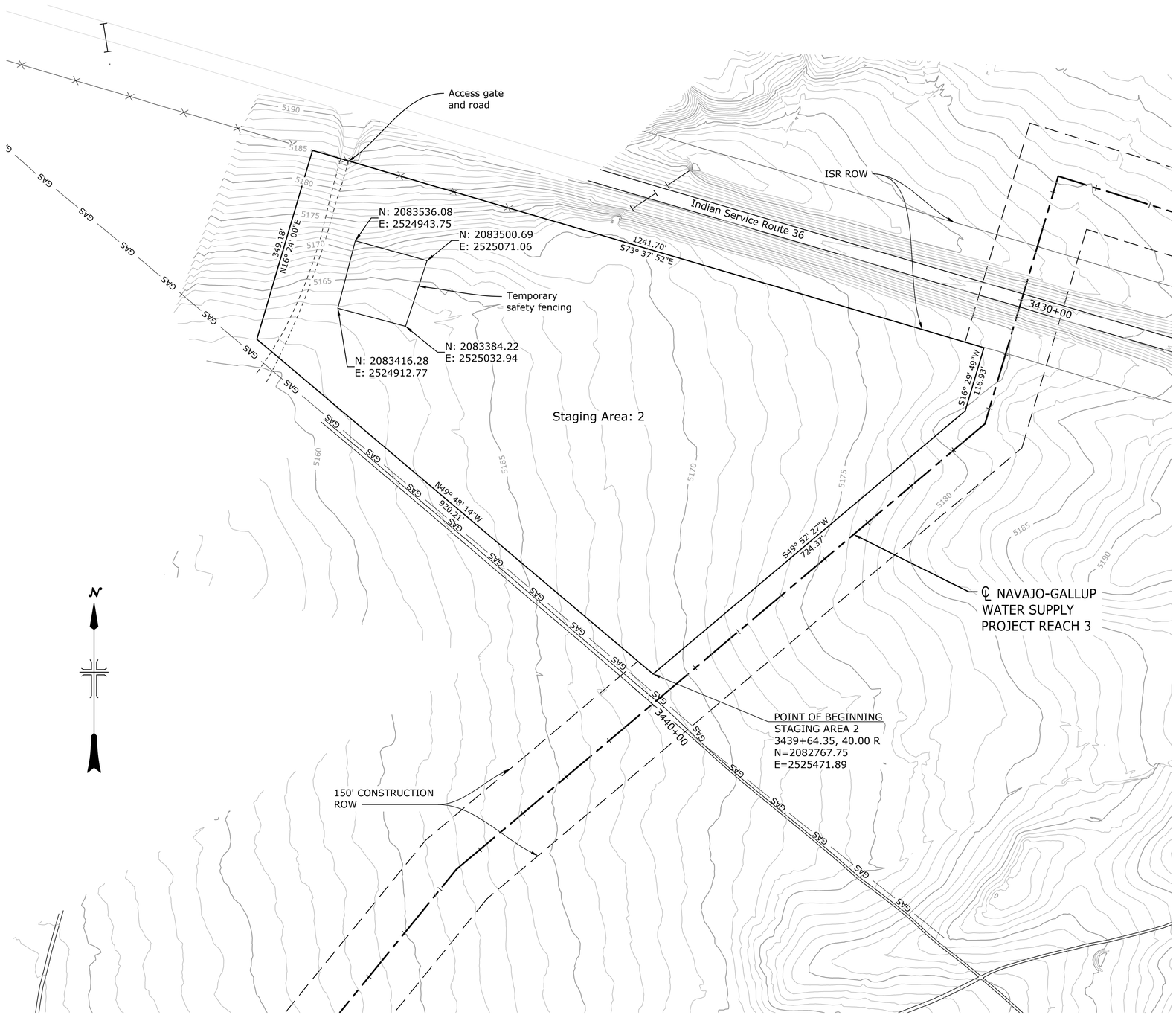
1695-D-62462

SHEET 1

LAST SAVED DATE
2026-06-03
LAST SAVED BY
AMARNER

CAD SYSTEM
AutoCAD 25.0S (LMS TECH)
CAD FILENAME
1695-D-62462-RD-1.DWG

Released



CONTRACTOR USE AREA (STAGING AREA 2)

NOTES

1. For Plan and Profile, see (60785).
2. Install access gate and access road as directed by OGR.
3. See Specifications regarding required temporary safety fencing.
4. Extents shown taken from 1695-529-60447 showing Parcel No. Rch 3 Tribal Trust -05(T).
5. For General Notes, Abbreviations, and Symbols, see (60249).

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BUREAU OF RECLAMATION

NAVAJO-GALLUP WATER SUPPLY PROJECT
NEW MEXICO

SAN JUAN LATERAL - BLOCK 2 - 3

REACH 3 - LINE PIPE

A. Marner
DESIGNED
A. Marner
DRAWN
K. Pelzer
CHECKED
Marner, Andrew (Andy) J P.E.
TECH. APPR.
Pelzer, Kylie C P.E.
APPROVED Civil Engineer
PEER REVIEWER

DENVER, CO **2026-06-03**

CONTRACTOR USE AREA

STAGING AREA 2

1695-D-62505

SHEET 2

LAST SAVED DATE
2026-06-04
LAST SAVED BY
AMARNER

CAD SYSTEM
AutoCAD 25.0S (LMS TECH)
CAD FILENAME
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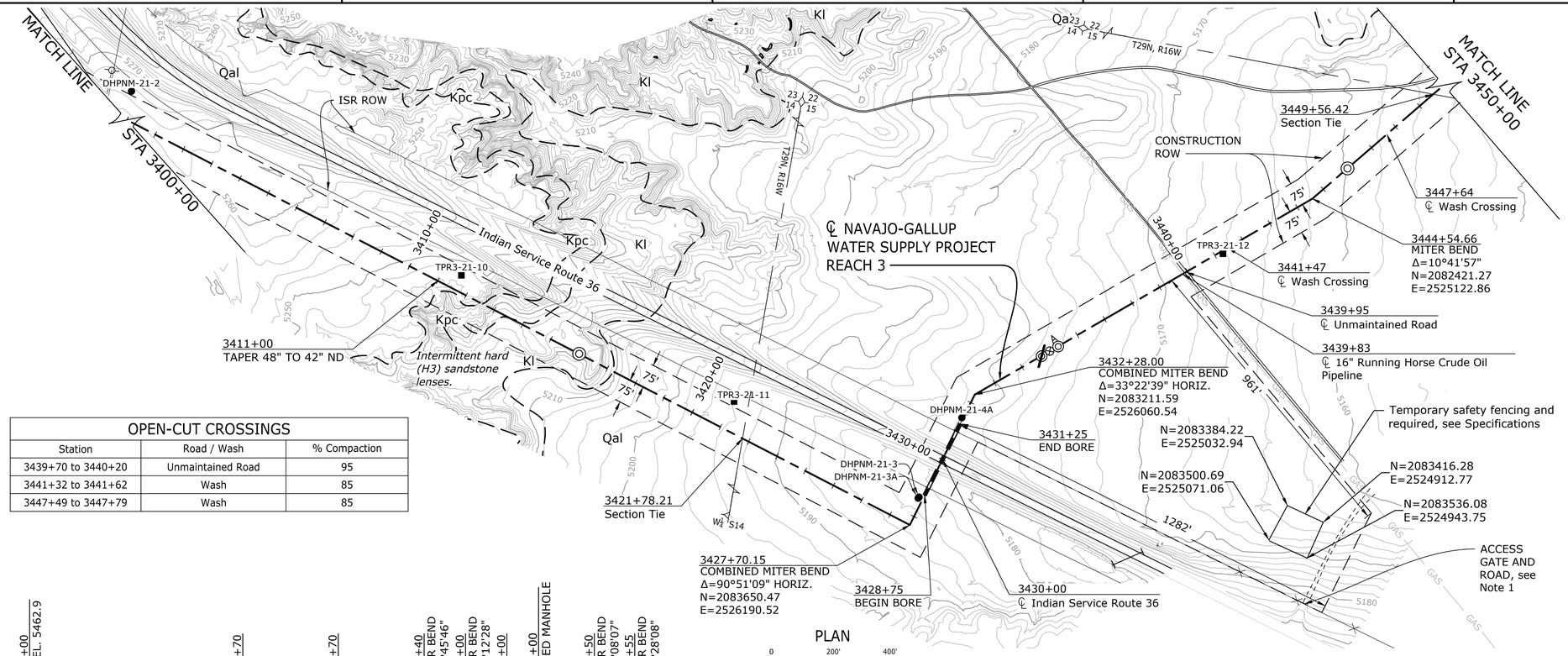
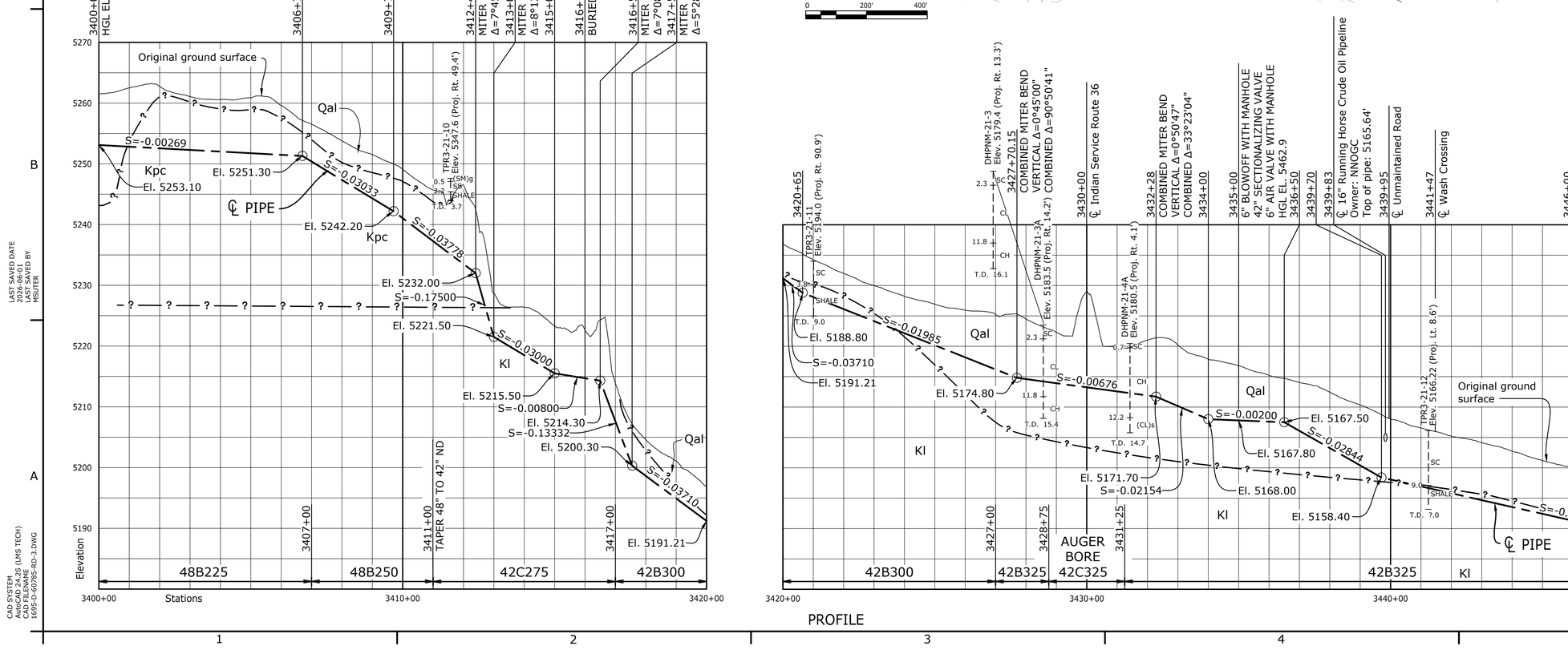


OPEN-CUT CROSSINGS		
Station	Road / Wash	% Compaction
3439+70 to 3440+20	Unmaintained Road	95
3441+32 to 3441+62	Wash	85
3447+49 to 3447+79	Wash	85

CONSTRUCTION ROW			
Station		Width (Ft.)	
Start	End	Left	Right
3384+66	3431+00	75	75
3431+00	3439+70	75	Varies
3439+70	3462+58	75	75

NOTES

1. Install access gate and access road as directed by the OGR.
2. DHPNM-21-2 shown on previous sheet Profile.
3. For bored crossing details, see (62469).



PROFILE

GEOLOGY	
TECH. APPR.	Chris Beyer
SUBMITTED	Kristopher Graham
APPROVED	Chris Beyer Supervisory Geologist

REV NO	DATE	BY	DESCRIPTION
1	2026-06-02	D Marner, Andrew (Andy) J P.E.	Added ground elevation data and additional measures for safety fencing within contractor laydown areas.

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NAVAJO-GALLUP WATER SUPPLY PROJECT
NEW MEXICO

SAN JUAN LATERAL - BLOCK 2 - 3

REACH 3 - LINE PIPE

J. DeHaan
DESIGNED
J. DeHaan
DRAWN
K. Pelzer
CHECKED
Marner, Andrew (Andy) J P.E.
TECH. APPR.
Steen, Timothy M
APPROVED
PEER REVIEWER
DENVER, CO 2026-04-13

PLAN AND PROFILE

STA. 3400+00 TO
STA. 3450+00

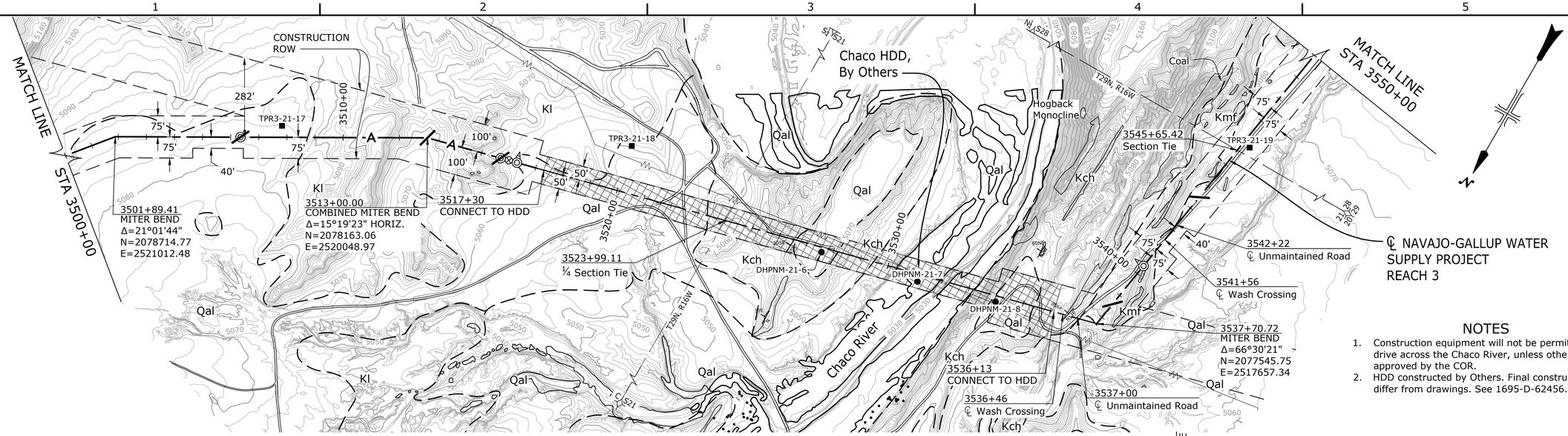
1695-D-60785

SHEET

Released

LAST SAVED DATE
2026-04-16
LAST SAVED BY
MSUTER

CAD SYSTEM
AutoCAD Civil 3D (LMS TECH)
CAD FILENAME
1695-D-60785-RD-3.DWG



PLAN

0 200' 400'

NOTES

1. Construction equipment will not be permitted to drive across the Chaco River, unless otherwise approved by the COR.
2. HDD constructed by Others. Final construction may differ from drawings. See 1695-D-62456.

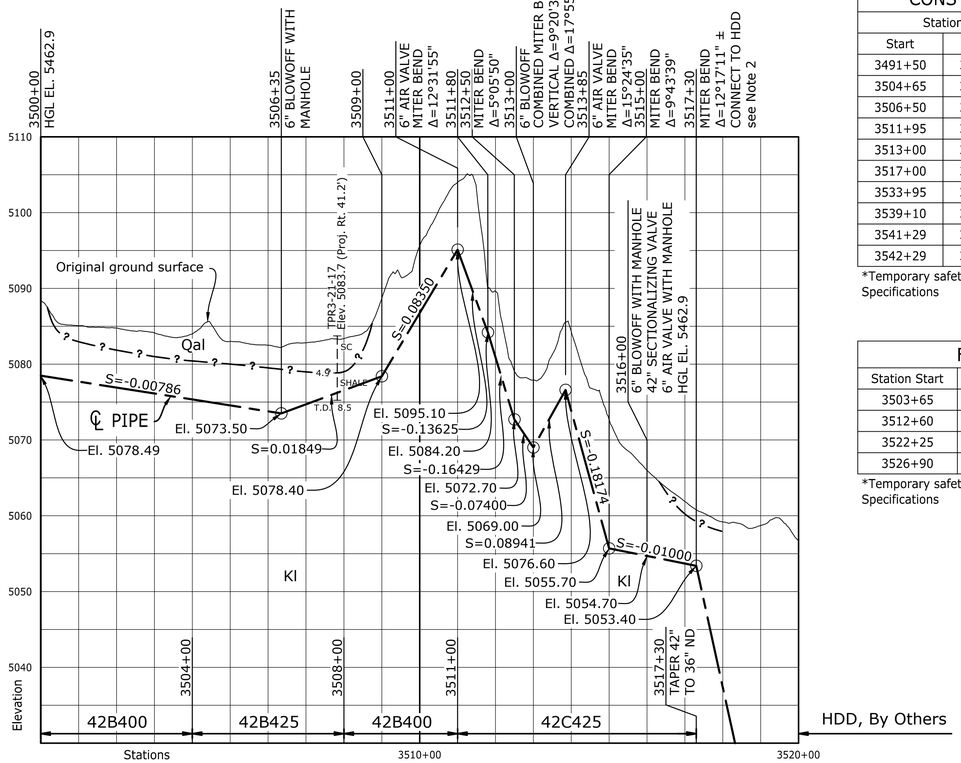
OPEN-CUT CROSSINGS		
Station	Road / Wash	% Compaction
3535+11 to 3536+69	Wash	85
3536+69 to 3537+31	Unmaintained Road/Wash	95
3537+31 to 3537+81	Wash	85
3541+26 to 3541+41	Wash	85
3541+41 to 3543+03	Unmaintained Road/Wash	95

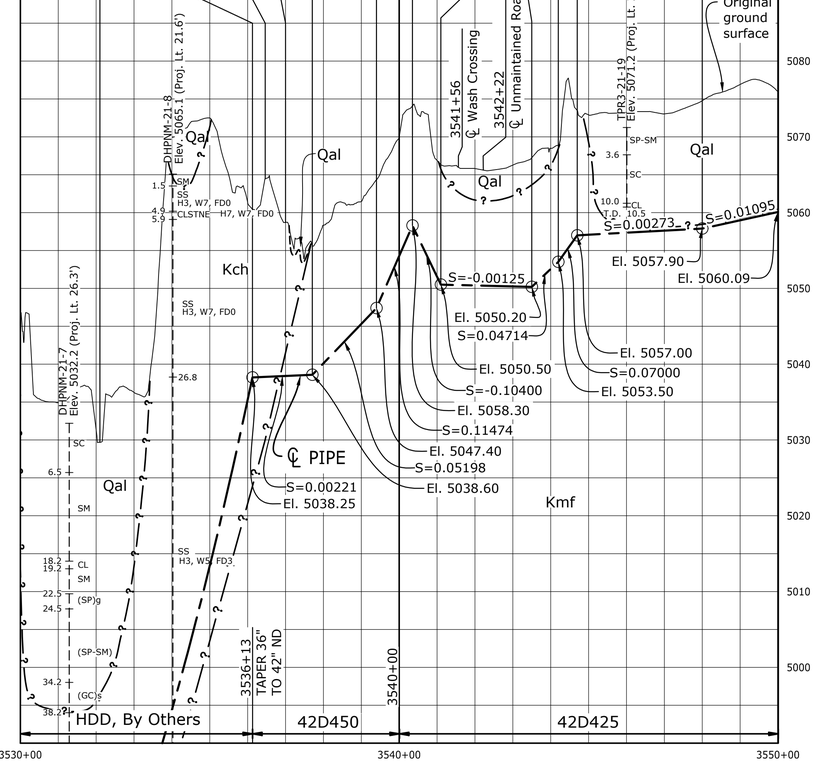
CONSTRUCTION ROW			
Station		Width (Ft.)	
Start	End	Left	Right
3491+50	3504+65	75	75
3504+65	3506+50	75	40*
3506+50	3511+95	Varies	75
3511+95	3513+00	Varies	Varies
3513+00	3517+00	100	100
3517+00	3533+95	50	50
3533+95	3539+10	100	100
3539+10	3541+29	75	75
3541+29	3542+29	75	40*
3542+29	3710+50	75	75

*Temporary safety fencing required, see Specifications

FENCING*		
Station Start	Station End	Side
3503+65	3507+50	Right
3512+60	3518+80	Left
3522+25	3530+25	Right
3526+90	3528+60	Left

*Temporary safety fencing required, see Specifications





PROFILE

REV NO	DATE	DESCRIPTION	BY
1	2026-06-02	D Added additional required safety fencing.	Marner, Andrew (Andy) J P.E.

DESIGNED	J. DeHaan
DRAWN	J. DeHaan
CHECKED	K. Pelzer
TECH. APPR.	Marner, Andrew (Andy) J P.E.
APPROVED PEER REVIEWER	Steen, Timothy M
	DENVER, CO 2026-04-13

GEOLOGY

TECH. APPR.	Chris Beyer
SUBMITTED	Kristopher Graham
APPROVED	Chris Beyer Supervisory Geologist

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BUREAU OF RECLAMATION
NAVAJO-GALLUP WATER SUPPLY PROJECT
NEW MEXICO

SAN JUAN LATERAL - BLOCK 2 - 3

REACH 3 - LINE PIPE

PLAN AND PROFILE

STA. 3500+00 TO STA. 3550+00

1695-D-60787

SHEET

Released

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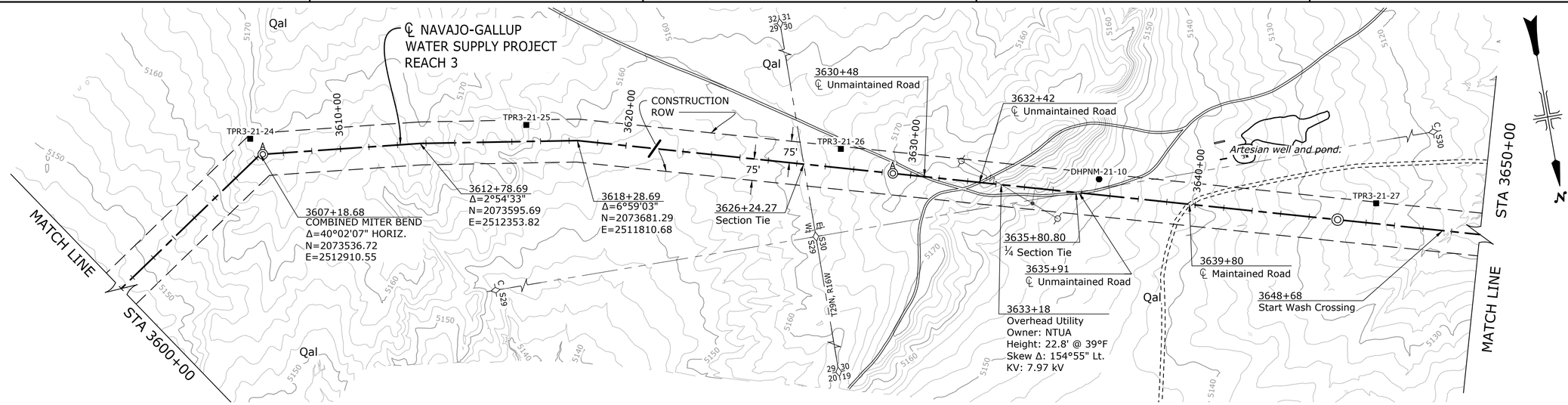
CAD SYSTEM AutoCAD Civil 3D (LMS TECH)
CAD FILENAME 1695-D-60787-RD-5.DWG



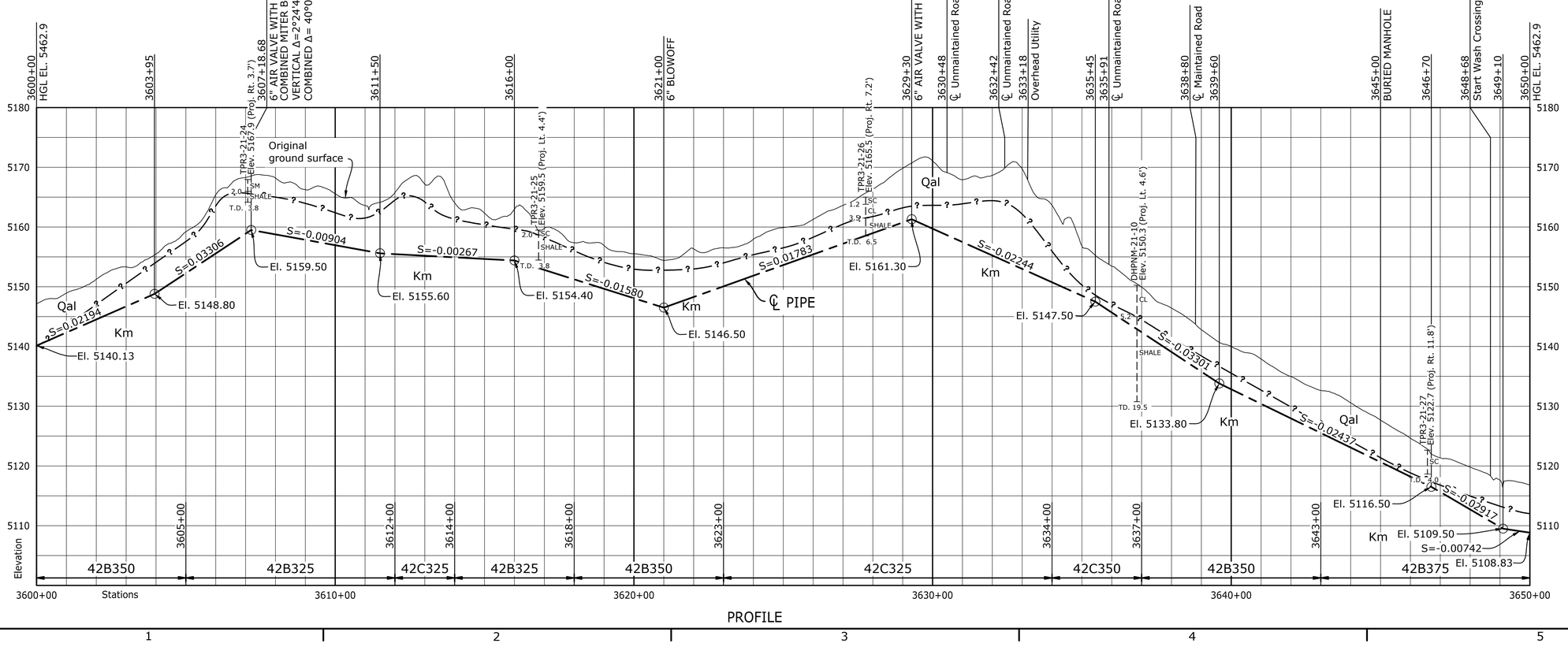
OPEN-CUT CROSSINGS		
Station	Road / Wash	% Compaction
3630+16 to 3630+80	Unmaintained Road	95
3632+14 to 3632+69	Unmaintained Road	95
3635+52 to 3636+30	Unmaintained Road	95
3639+50 to 3640+10	Maintained Road	95
3648+68 to 3653+18	Wash, See Note 1	85

PLAN
0 200' 400'

NOTES

1. Wash Crossing continues on next page.
2. Maintained road requires gravel replacement, see Specifications.

CONSTRUCTION ROW			
Station		Width (Ft.)	
Start	End	Left	Right
3542+29	3710+50	75	75



REV NO	DATE	BY	DESCRIPTION
2	2026-06-02	Marner, Andrew (Andy) J P.E.	D Added the unmaintained road crossing at 3632+42 to the Open-Cut Crossings Table.
1	2026-05-18	Marner, Andrew (Andy) J P.E.	D Removed auger bore for powerline crossing at Station 3633+18.

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NAVAJO-GALLUP WATER SUPPLY PROJECT
NEW MEXICO

SAN JUAN LATERAL - BLOCK 2 - 3
REACH 3 - LINE PIPE

DESIGNED	J. DeHaan
DRAWN	J. DeHaan
CHECKED	K. Pelzer
TECH. APPR.	Marner, Andrew (Andy) J P.E.
APPROVED	Steen, Timothy M
PEER REVIEWER	
	DENVER, CO 2026-04-13

GEOLOGY	
TECH. APPR.	Chris Beyer
SUBMITTED	Kristopher Graham
APPROVED	Chris Beyer, Supervisory Geologist

PLAN AND PROFILE

STA. 3600+00 TO
STA. 3650+00

1695-D-60789

SHEET

LAST SAVED DATE
2026-06-02
LAST SAVED BY
MSUTER

CAD SYSTEM
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CAD FILENAME
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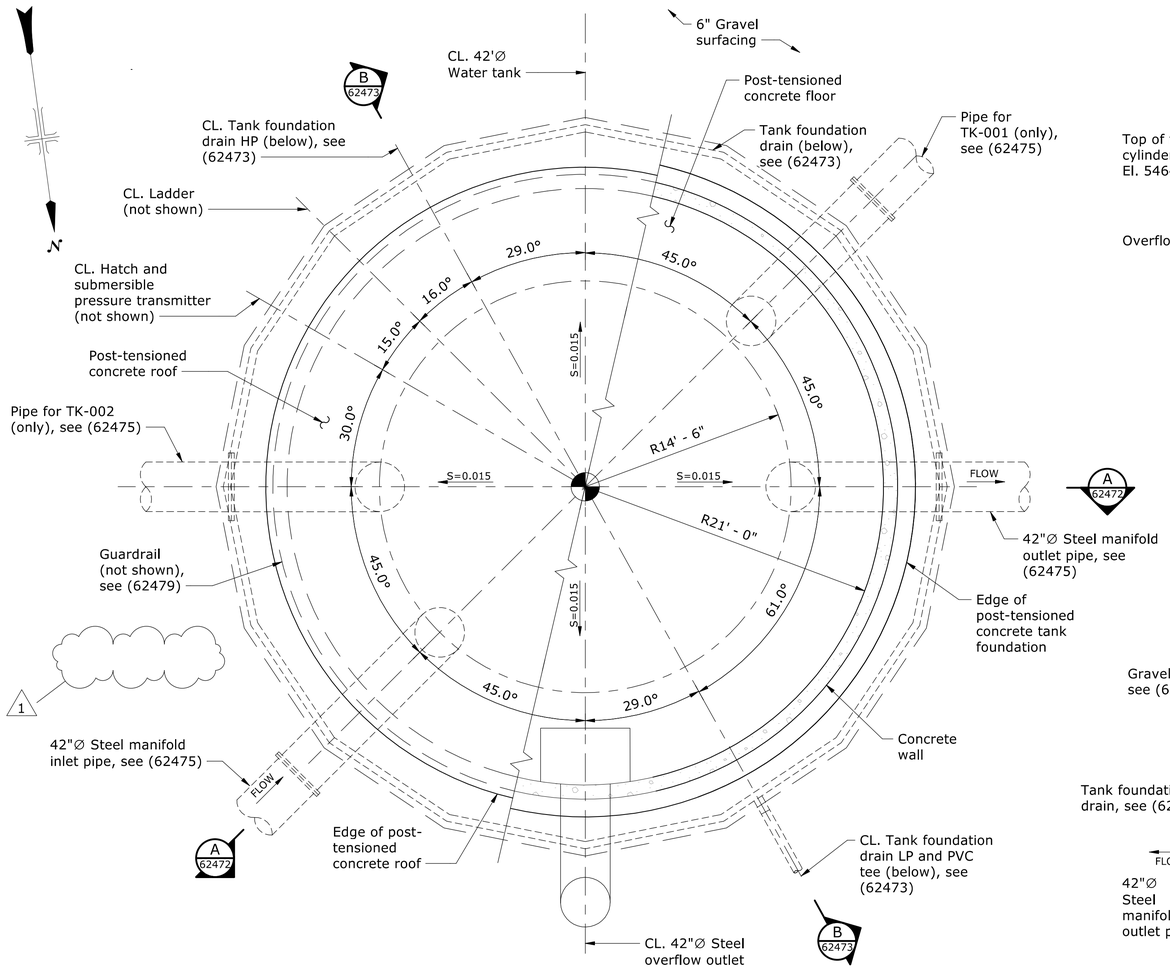
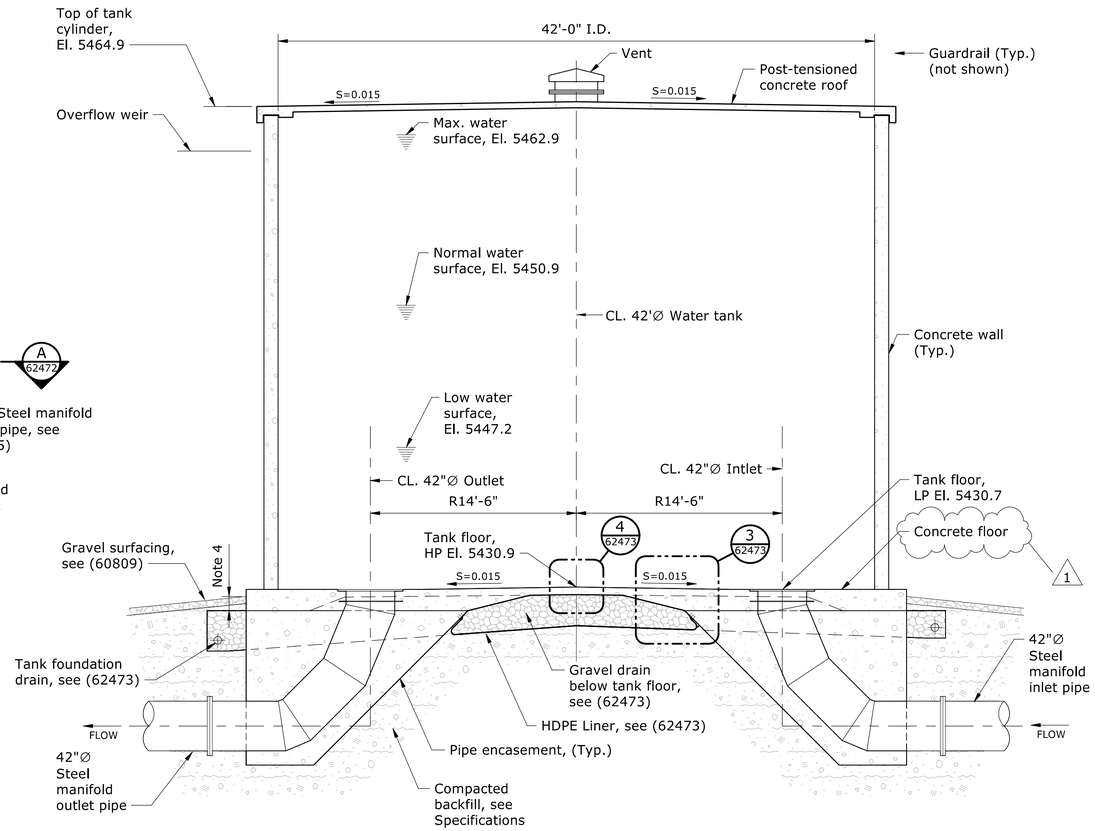
Released



PLAN - CONCRETE TANK

Scale: 3/16" = 1'-0"



A SECTION

Scale: 3/16" = 1'-0"

STRUCTURAL DESIGN DATA

The following design loads and parameters are based on the International Building Code (IBC) 2021, the American Society of Civil Engineers (ASCE) 7-16 " Minimum Design Loads for Buildings and Other Structures".

Project Location:
- State of New Mexico
- Latitude: 36° 43' 7.83"N
- Longitude: 108° 27' 47.30"W

Dead Loads:
- Concrete ---------- 150 lbs/ft^3
- Water Load ---------- 62 lbs/ft^3

Snow Loads:
- Apply in accordance with IBC, Section 1608 and ASCE, Chapter 7.
- Risk category ---------- III
- Ground Snow Load, P_g ---------- 30 lbs/ft^2
- Snow Load Importance Factor, I_s -- 1.1
- Subterranean Roof Snow Load------ 33 lbs/ft^2

Seismic Loads:
- Apply in accordance with IBC, Section 1613 and ASCE Chapter 11 and Chapter 12.
- Ground Motion: Risk-Targeted Maximum Considered Earthquake (MCE_R). Target risk of structural collapse equal to 1% in 50 years. Design EQ =2/3 MCER has an approximate 2% probability of exceedence in 50 years (return period of 2,475 years).
- Risk Category = III
- Seismic Importance Factor, I_e = 1.25
- Site Class = D
- Mapped MCER spectral response acceleration parameters: S_S = 0.152g, S_1 = 0.052g
- Spectral response acceleration parameters corrected for site class effects: S_{MS} = 0.244g, S_{M1} = 0.125g
- Design spectral response acceleration parameters: S_{DS} = 0.162g, S_{D1} = 0.083g
- Seismic Design Category, SDC = B

Wind Loads:
- Apply in accordance with IBC, Section 1609 and ASCE, Chapter 26.
- Risk Category = III
- Basic wind speed (3-second gust) = 120 mph

1

Geotechnical Data:
For an engineered backfill composed mostly of onsite silty sand materials compacted to at least 98% of ASTM D698 (Standard Proctor):

Allowable Bearing Capacity	2500 psf
Vertical modulus of subgrade reaction	200 k/ft^3
Moist soil unit weight	110 pcf
Angle of internal friction	28 degrees
Cohesion	0.0 psi
Lateral earth pressure coefficients:	
At rest	0.53
Active	0.36
Passive	2.77

NOTES

1. See specifications for drawing index.
2. For tank foundation excavation and backfill requirements, see (60809) and Specifications.
3. A free spanning domed concrete roof is permitted but is not shown, see Specifications.
4. Provide a minimum of 2'-6" from adjacent grade to bottom of footing for frost depth requirements.
5. Penetrations through the wall and floor of the concrete tank shall be Contractor-designed.
6. A free spanning domed concrete roof is permitted but is not shown, see Specifications.

0 5' 10'
Scale: 3/16" = 1'-0"

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NAVAJO-GALLUP WATER SUPPLY PROJECT
NEW MEXICO

SAN JUAN LATERAL - BLOCK 2 - 3
SAN JUAN LATERAL WATER TREATMENT PLANT
REGULATING TANKS

REV NO	STA. D	2026-06-04 Lisa Orgren	Added geotechnical data and updates to callouts.
1			

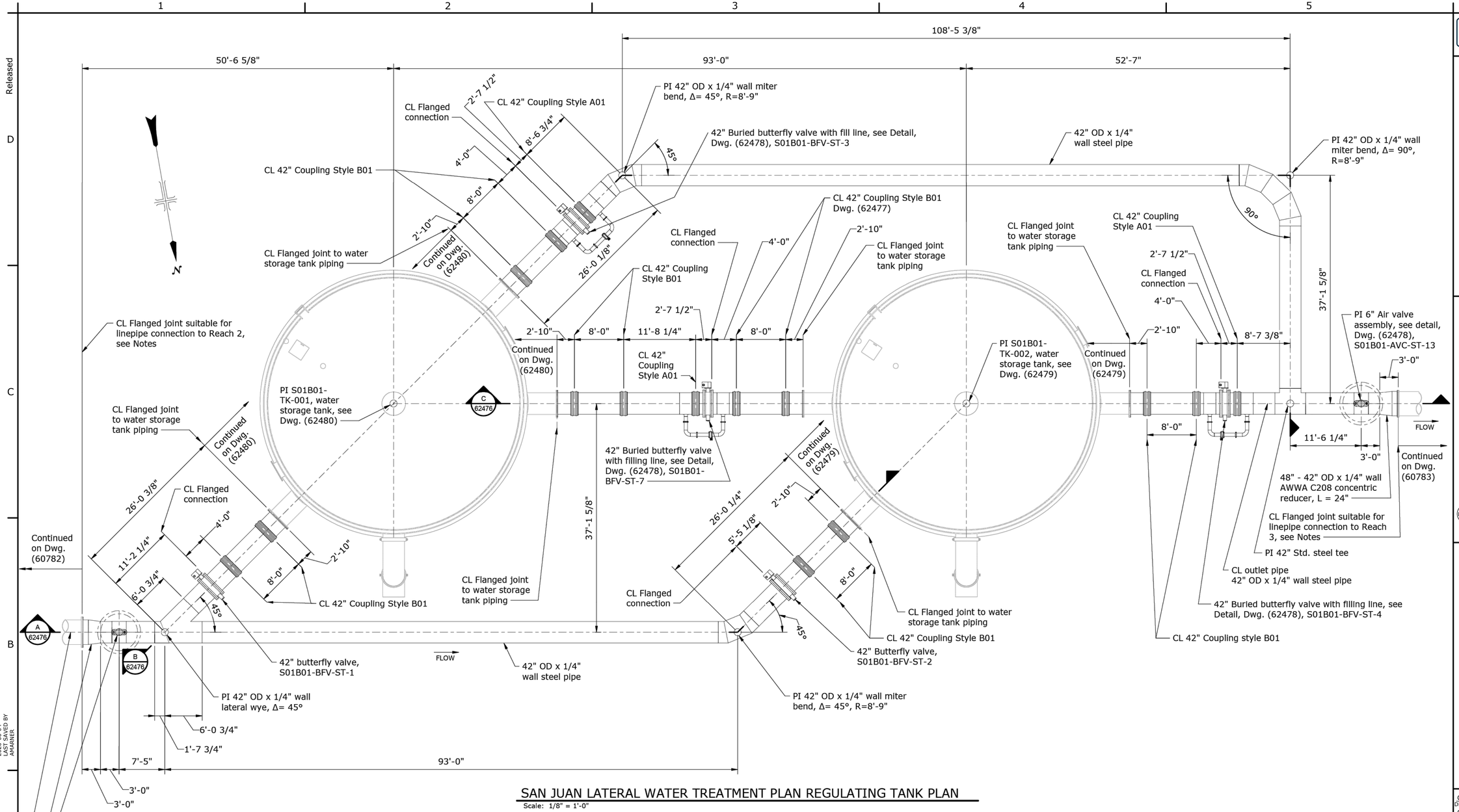
L. Orgren
DESIGNED
L. Orgren
DRAWN
C. Gemperline
CHECKED
TECH. APPR. Lisa Orgren, P.E.
APPROVED Lan T. Nguyen, P.E.
Peer Reviewer - Plant Structures Group
DENVER, CO 2026-02-27

CONCRETE WATER TANK

PLAN AND SECTION

1695-D-62472

Released



SAN JUAN LATERAL WATER TREATMENT PLAN REGULATING TANK PLAN

Scale: 1/8" = 1'-0"

REFERENCE DRAWINGS

SAN JUAN LATERAL WTP REGULATING TANK SITE PLAN.....1695-D-60809
AIR VALVE INSTALLATION.....1695-D-60798
SECTIONALIZING VALVE INSTALLATION.....1695-D-60801

GENERAL NOTES

1. For Drawing List, see Section 52 00 00.
2. For valve information see Valve Schedule, Dwg. (62477).
3. For equipment information see Equipment Schedule, Dwg. (62477).
4. For Buried Valve Actuator detail see Dwg. (62477).
5. Provide nuts, bolts, and gaskets suitable for cold water service.
6. All flanges shall be AWWA Class D unless otherwise noted.
7. Valves and Flanges: AWWA Class 150B Butterfly Valves to be bolted to AWWA Class D flanges.
8. Additional fittings, flanges, or welded joints added by the contractor to facilitate installation of the manifold piping are subject to Government approval.
9. Welding symbols apply to the joints of all members of similar identification.
10. All metal piping shall have a minimum wall thickness = 1/4" unless otherwise shown.
11. Hydrostatic test pressure for the new steel pipe shall be 50 psig.
12. Contractor to field verify the existing line pipe and modify the fitting requirements to connect the new line pipe to the existing line pipe. Submit the details for approval. Provide fabricated steel reducer to match yard piping ID to linepipe ID in accordance with AWWA C208.

GENERAL NOTES (CONTINUED)

13. At locations where fittings have greater wall thickness than steel piping, machine to match lighter pipe wall and taper excess thickness internally to form transition zone.
14. Factory-made wrought buttwelding fittings end preparation: Straight bore followed by a 30° slope or a taper bore at maximum slope of 1 to 4 for a minimum of 2 times the pipe minimum wall.
15. ASME B16.9 Std. tees may be substituted for welding pads and wrapper plates at tees.
16. All welded elbows shall be long radius unless otherwise noted.
17. AWWA Class D flange isolation kit to be provided for connection to water storage tank if steel tank option is selected. Location and design subject to Government approval.
18. All fillet welds shall be returned.
19. Asterisks (*) note dimensions that shall be field verified.
20. Restrained flexible split sleeve type couplings: install per manufacturer's recommendation.
21. Restrained split sleeve type couplings for dynamic joint deflection are spaced to accommodate 2" of differential settlement.
22. Pipe couplings: multi-segmented (2 or more piece) split-sleeve type or grooved-end type as shown.
23. Alternative restrained couplings may be submitted subject to government approval, see specifications.

0 4' 8' 16'
Scale: 1/8" = 1'-0"

LAST SAVED DATE
2026-06-04
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AMARNER
CAD SYSTEM
AUTOCAD OS (LMS TECH)
CAD FILENAME
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NAVAJO-GALLUP WATER SUPPLY PROJECT
NEW MEXICO

SAN JUAN LATERAL - BLOCK 2 - 3
SAN JUAN LATERAL WATER TREATMENT PLANT
REGULATING TANKS

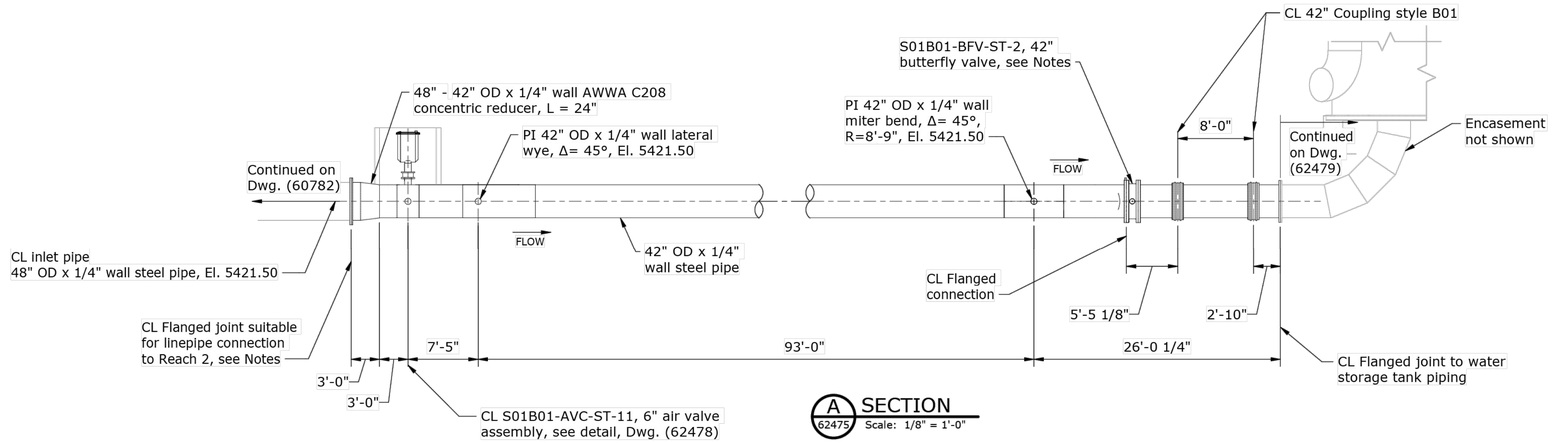
REV NO | DATE | DESCRIPTION
1 | 2026-06-04 | D | Baca, Brantly (Brant) Q P.E. | Remove 6" tank drain, correct weir elevation

Cory Bondurant
DESIGNED
Cory Bondurant
DRAWN
Kyle Taylor
CHECKED
Baca, Brantly (Brant) Q P.E.
TECH. APPR.
Young, Cody A P.E.
APPROVED
PEER REVIEWER
DENVER, CO
2026-04-07

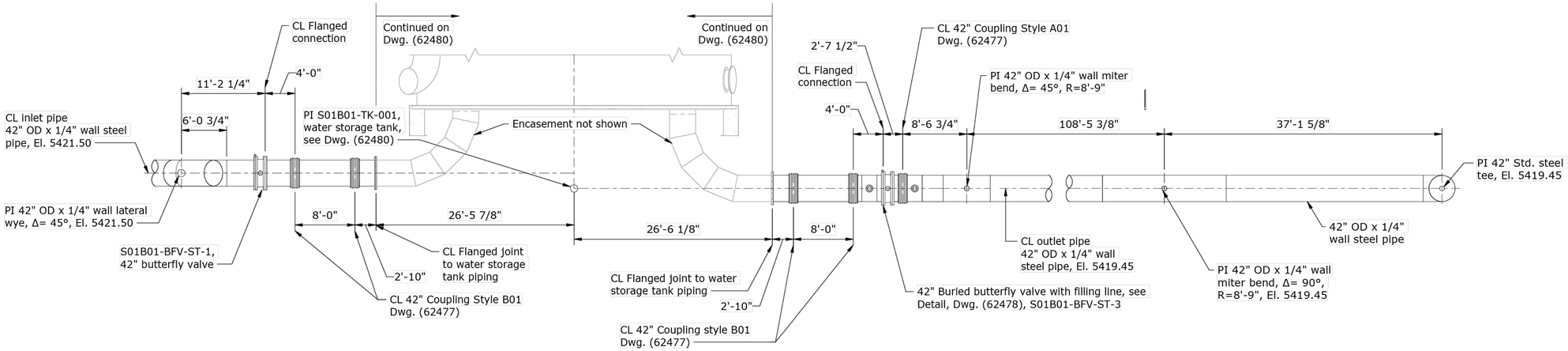
STEEL MANIFOLD PIPING

PLAN

1695-D-62475
SHEET 1



A 62475 SECTION
Scale: 1/8" = 1'-0"



B 62475 SECTION
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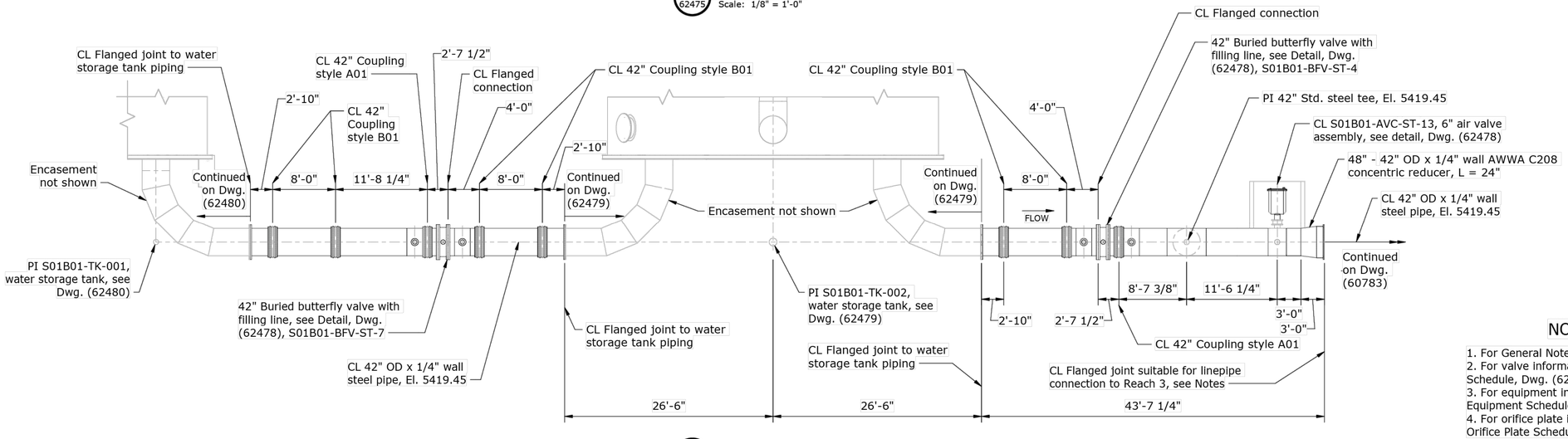

C 62475 SECTION
Scale: 1/8" = 1'-0"

NOTES

1. For General Notes see Dwg. (62475).
2. For valve information see Valve Schedule, Dwg. (62477).
3. For equipment information see Equipment Schedule, Dwg. (62477).
4. For orifice plate information see Orifice Plate Schedule, Dwg. (62477).

0 4' 8' 16'
Scale: 1/8" = 1'-0"

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BUREAU OF RECLAMATION
NAVAJO-GALLUP WATER SUPPLY PROJECT
NEW MEXICO

SAN JUAN LATERAL - BLOCK 2 - 3
SAN JUAN LATERAL WATER TREATMENT PLANT
REGULATING TANKS

REV NO	DATE	DESCRIPTION
1	2026-06-04	D Remove 6" tank drain, correct weir elevation Baca, Brantly (Brant) Q P.E.

Cory Bondurant — DESIGNED
Cory Bondurant — DRAWN
Kyle Taylor — CHECKED
Baca, Brantly (Brant) Q P.E. — TECH. APPR.
Young, Cody A P.E. — APPROVED PEER REVIEWER
DENVER, CO — 2026-04-07

STEEL MANIFOLD PIPING

SECTIONS

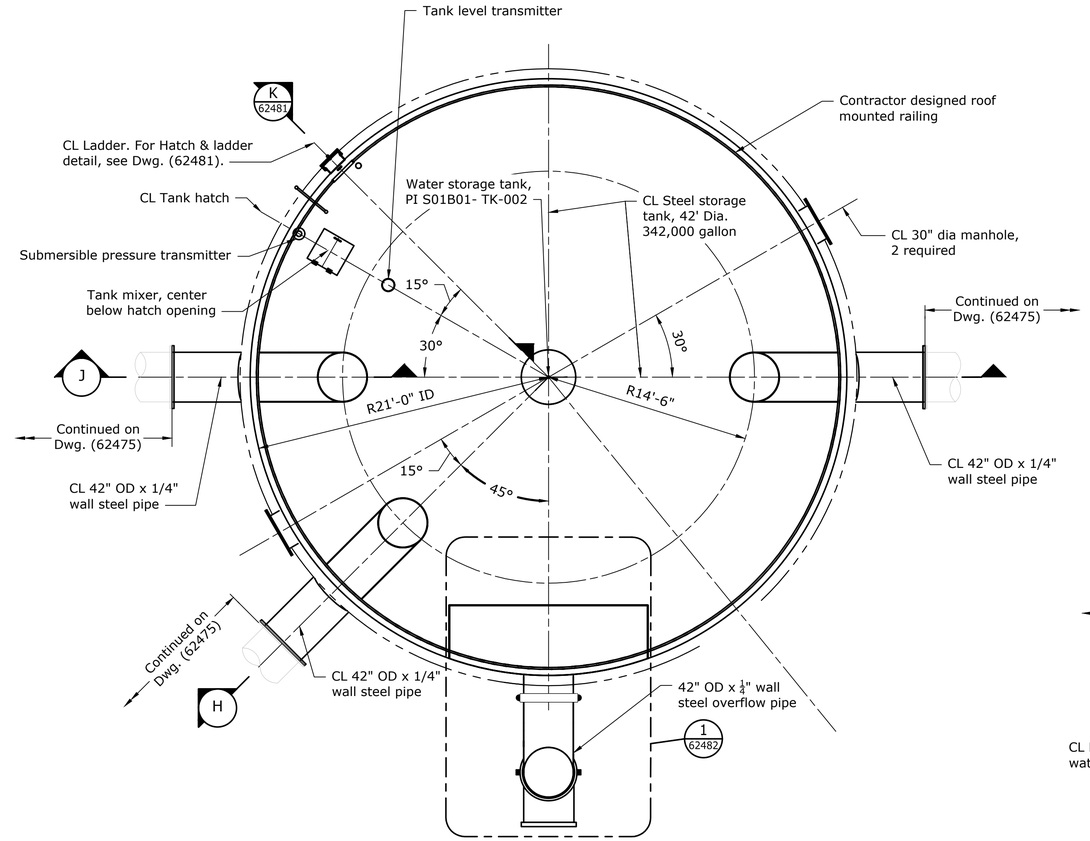
1695-D-62476

SHEET

Released

LAST SAVED DATE 2026-06-04
LAST SAVED BY AMARINER

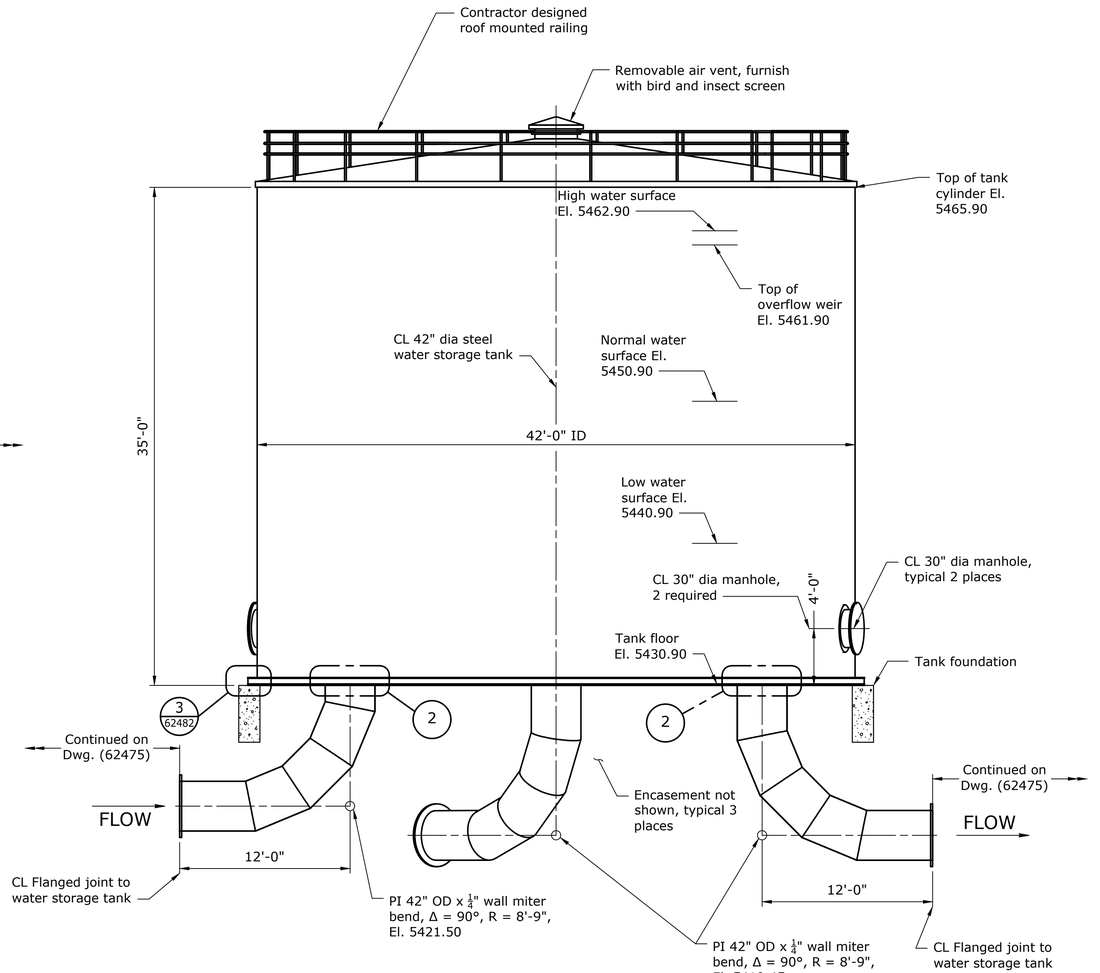
CAD SYSTEM AutoCAD Civil 3D
CAD FILENAME 1695-D-62476-RD-2.DWG



SAN JUAN LATERAL WATER TREATMENT PLANT S01B01-TK-002 WATER STORAGE TANK

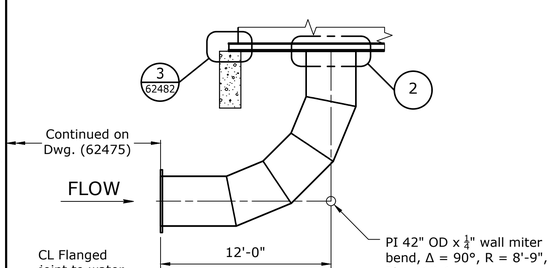
SCALE: 3/16" = 1'

(62475)



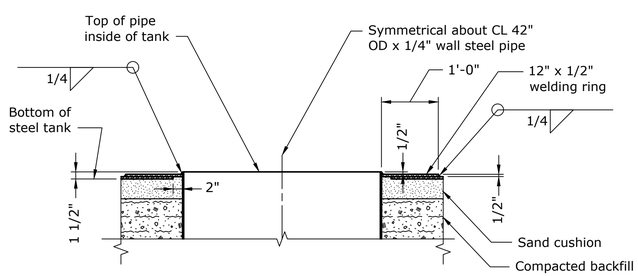
H SECTION

SCALE: 3/16" = 1'



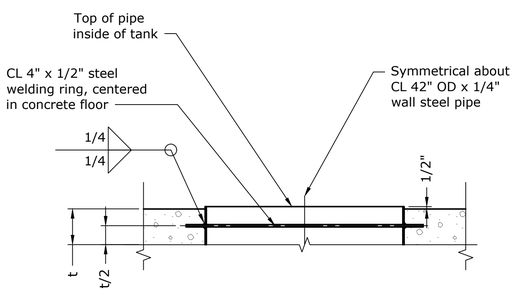
J SECTION

SCALE: 3/16" = 1'



2 DETAIL - WELDED STEEL TANK OPTION

SCALE: 3/4" = 1'



2 DETAIL - CONCRETE TANK OPTION

SCALE: 3/4" = 1'

NOTES

1. For General Notes see Dwg. (62475).
2. AWWA Class D flange assembly with dielectric gasket and isolation kit to be provided at each tank interface if steel tank option selected. Location and design subject to Government approval.
3. Tank anchors and anchor welds to be determined by tank manufacturer. Use template for anchor bolt spacing to verify correct location of anchors subject to Government approval. See Detail 3 on Dwg. (62482).
4. Tank hatches and other openings shall be water and light tight with the hatch lip 4 inches above the tank roof.
5. "t" represents tank concrete floor thickness.

0 1' 2' 3'
SCALE: 3/4" = 1'-0"

0 5' 10'
SCALE: 3/16" = 1'-0"

BUREAU OF RECLAMATION

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U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
NAVAJO-GALLUP WATER SUPPLY PROJECT
NEW MEXICO

SAN JUAN LATERAL - BLOCK 2 - 3

SAN JUAN LATERAL WATER TREATMENT PLANT
REGULATING TANKS

REV NO		
1	2026-06-04	D Remove 6" tank drain, correct weir elevation
	Baca, Brantly (Brant) Q P.E.	

Cory Bondurant
DESIGNED
Cory Bondurant
DRAWN
Rex Schlosser, P.E.
CHECKED
Baca, Brantly (Brant) Q P.E.
TECH. APPR.
Young, Cody A P.E.
APPROVED
ADMIN APPROVAL -
DENVER, CO 2026-04-07

WELDED STEEL TANK 2

PLAN, SECTIONS, AND DETAILS

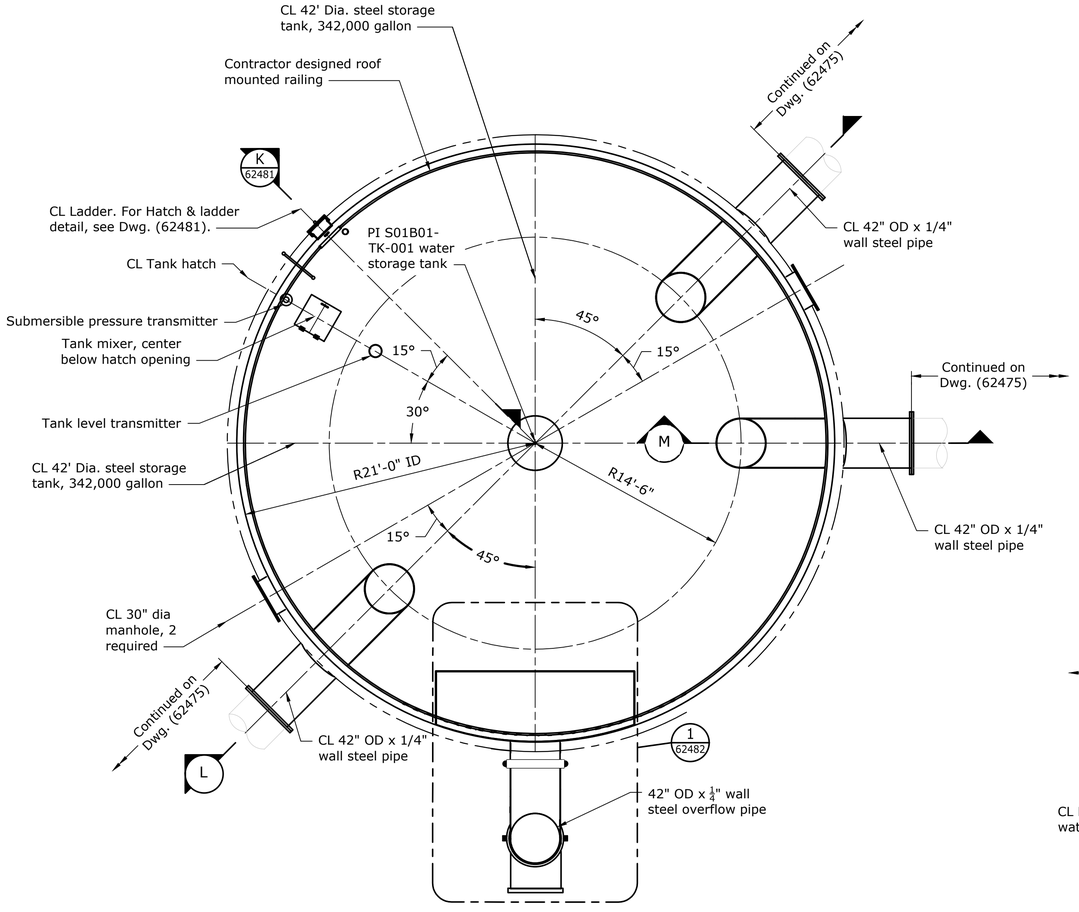
1695-D-62479

SHEET

Released

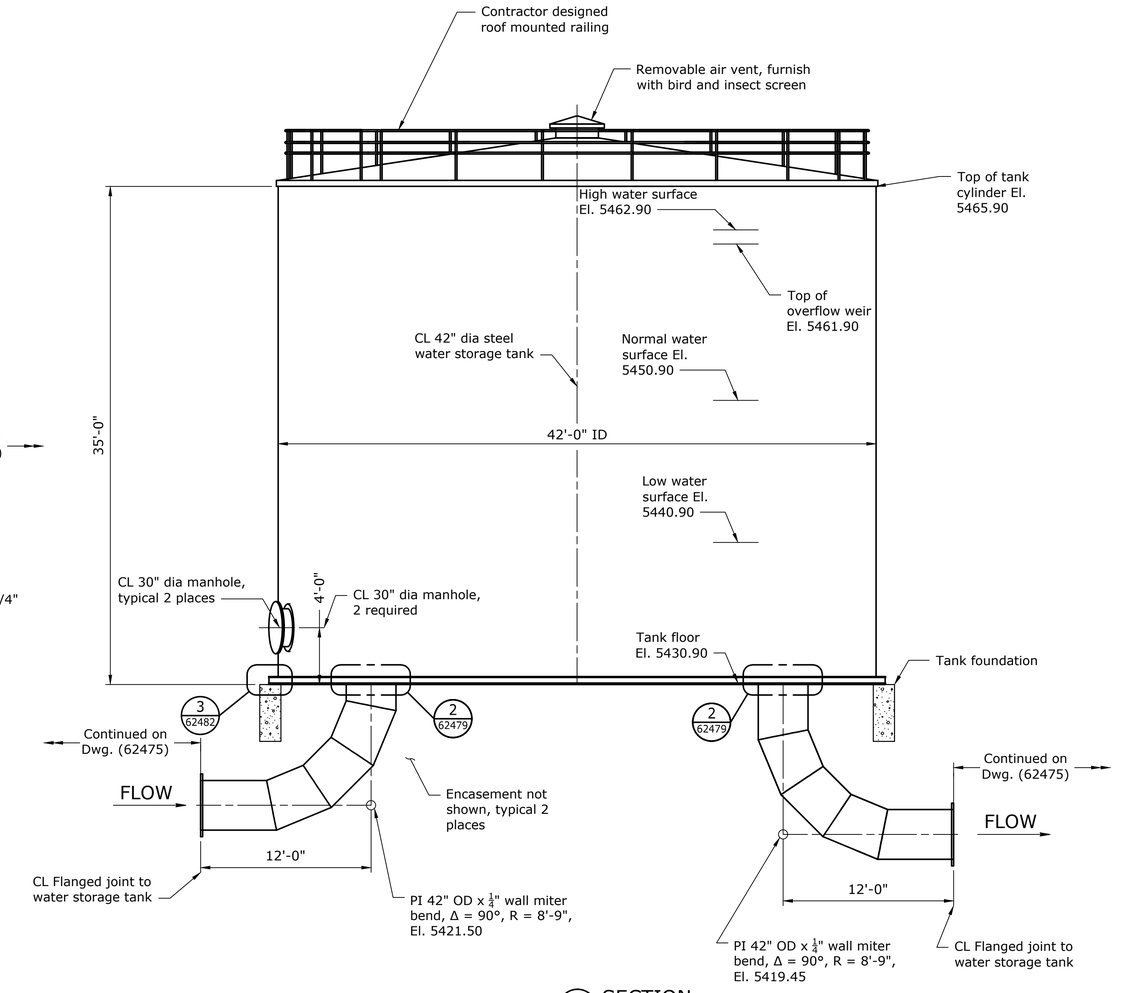
LAST SAVED DATE
2026-06-04
LAST SAVED BY
AMARNER

CAD SYSTEM
AutoCAD LDS (LMS TECH)
CAD FILENAME
1695-D-62479-RD-5.DWG



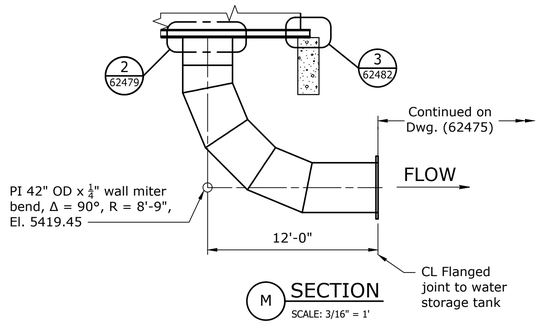
SAN JUAN LATERAL WATER TREATMENT PLANT S01B01-TK-001 WATER STORAGE TANK

SCALE: 3/16" = 1' (62475)



L SECTION

SCALE: 3/16" = 1'



M SECTION

SCALE: 3/16" = 1'

NOTES

1. For General Notes see Dwg. (62475).
2. AWWA Class D flange assembly with dielectric gasket and isolation kit to be provided at each tank interface if steel tank option selected. Location and design subject to Government approval.
3. Tank anchors and anchor welds to be determined by tank manufacturer. Use template for anchor bolt spacing to verify correct location of anchors subject to Government approval. See Detail 3 on Dwg. (62482).
4. Tank hatches and other openings shall be water and light tight with the hatch lip 4 inches above the tank roof.

0 1' 2' 3'

SCALE: 3/4" = 1'-0"

0 5' 10'

SCALE: 3/16" = 1'-0"

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U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
NAVAJO-GALLUP WATER SUPPLY PROJECT
NEW MEXICO

SAN JUAN LATERAL - BLOCK 2 - 3

SAN JUAN LATERAL WATER TREATMENT PLANT
REGULATING TANKS

REV NO	DATE	BY	DESCRIPTION
1	2026-06-04	Baca, Brantly (Brant) Q P.E.	D Remove 6" tank drain, correct weir elevation

Cory Bondurant — DESIGNED
Cory Bondurant — DRAWN
Kyle Taylor — CHECKED
Baca, Brantly (Brant) Q P.E. — TECH. APPR.
Young, Cody A P.E. — APPROVED ADMIN APPROVAL -
DENVER, CO 2026-04-07

WELDED STEEL TANK 1

PLAN, SECTIONS, AND DETAILS

1695-D-62480

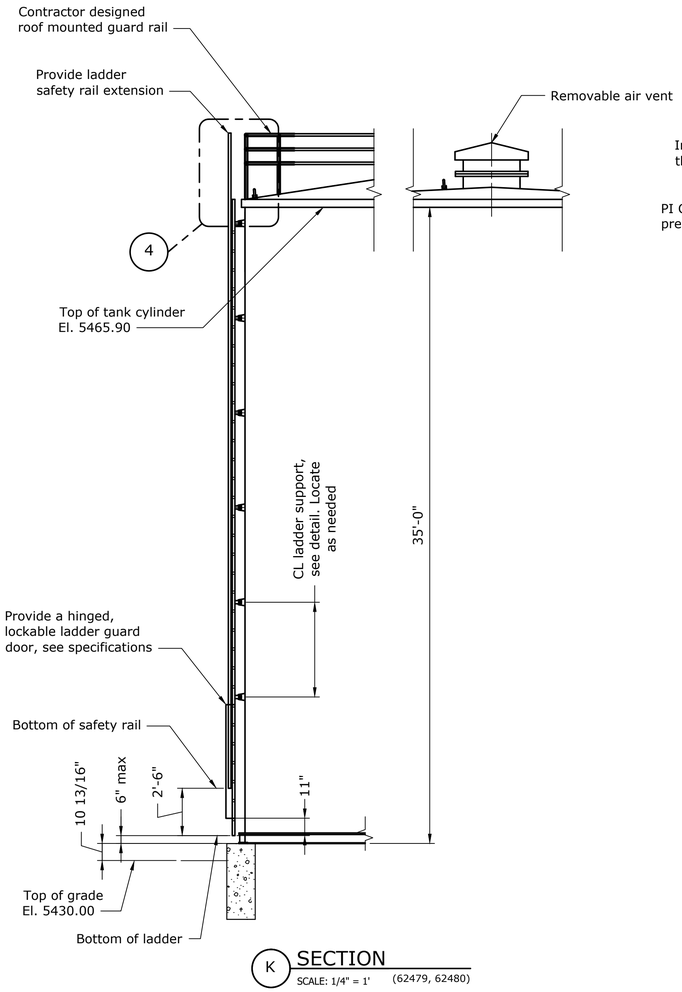
SHEET

Released

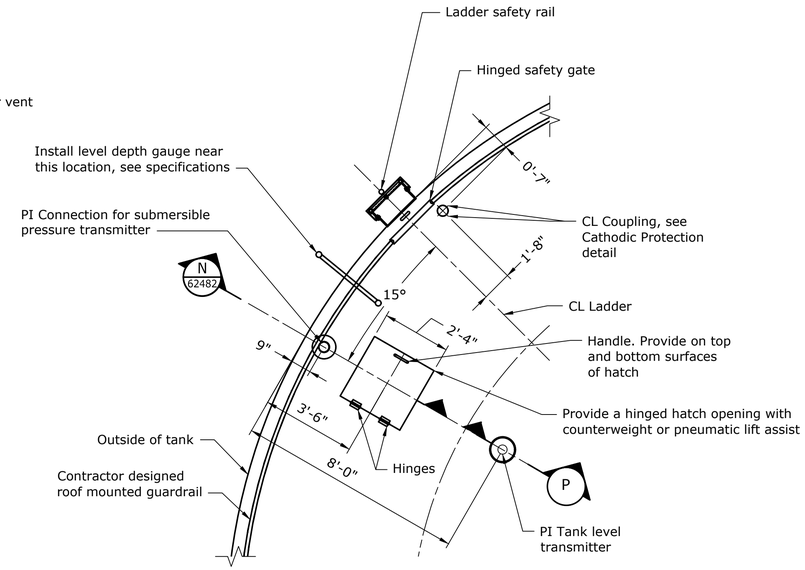
LAST SAVED DATE
2026-06-04
LAST SAVED BY
AMARINER

CAD SYSTEM
AutoCAD Civil 3D (LMS TECH)
CAD FILENAME
1695-D-62480-RD-6.DWG

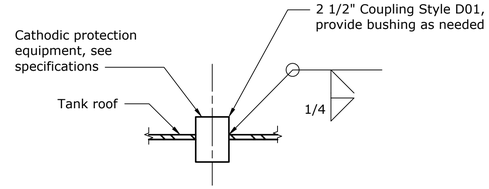
Released



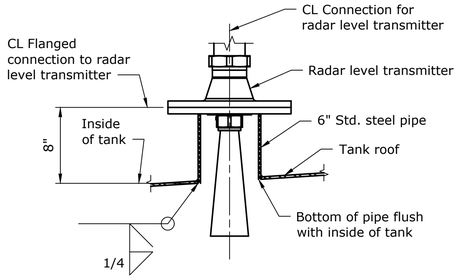
K SECTION
SCALE: 1/4" = 1' (62479, 62480)



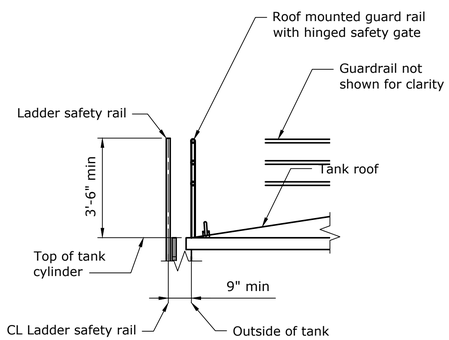
HATCH & LADDER DETAIL
SCALE: 3/8" = 1' (62479, 62480)



CATHODIC PROTECTION CONNECTION DETAIL
SCALE: 3" = 1'



P SECTION
SCALE: NTS



4 DETAIL
SCALE: 3/8" = 1'

NOTES

1. For General Notes see Dwg. (62475).
2. For equipment information see Equipment Schedule, Dwg. (62477).
3. Contractor to design ladder and ladder supports. Supports shown are conceptual only. See specifications.
4. Tank hatches and other openings shall be water and light tight with the hatch lip 4 inches above the tank roof.
5. Ladder safety cages and landings are not permitted.

0 2' 4' 6' SCALE: 3/8" = 1'-0"
0 1' 2' 3' SCALE: 3/4" = 1'-0"
0 2' 4' 8' SCALE: 1/4" = 1'-0"
0 1/2' 1' 1 1/2' SCALE: 1 1/2" = 1'-0"
0 3" 6" 9" SCALE: 3" = 1'-0"

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NAVAJO-GALLUP WATER SUPPLY PROJECT
NEW MEXICO

SAN JUAN LATERAL - BLOCK 2 - 3
SAN JUAN LATERAL WATER TREATMENT PLANT
REGULATING TANKS

REV NO		
1	2026-06-04	D Remove 6" tank drain, correct weir elevation
	Baca, Brantly (Brant) Q P.E.	

Cory Bondurant
DESIGNED
Cory Bondurant
DRAWN
Rex Schlosser, P.E.
CHECKED
Baca, Brantly (Brant) Q P.E.
TECH. APPR.
Young, Cody A P.E.
APPROVED
ADMIN APPROVAL -
DENVER, CO 2026-04-07

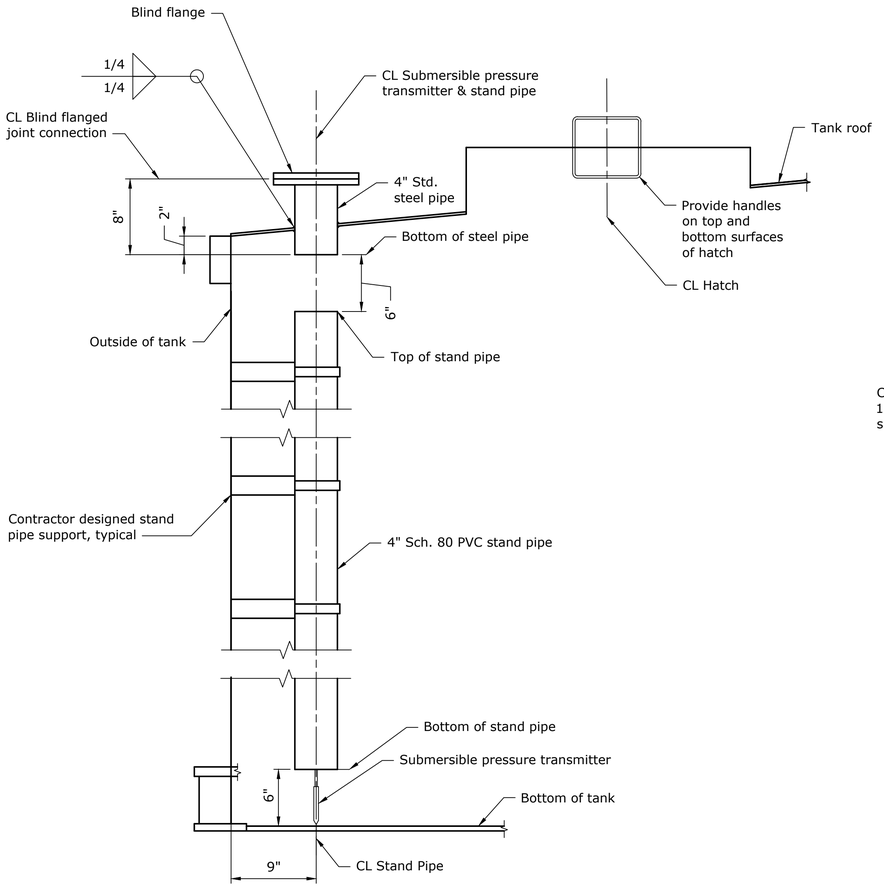
WELDED STEEL TANK

SECTIONS AND DETAILS

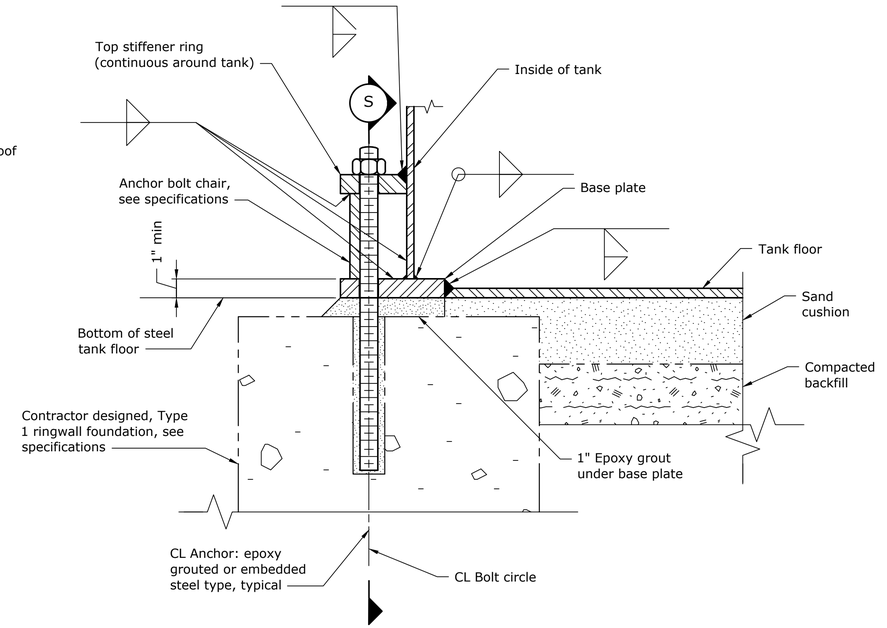
1695-D-62481
SHEET

LAST SAVED DATE
2026-05-04
LAST SAVED BY
AMARNER

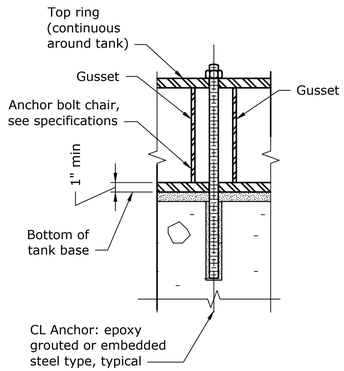
CAD SYSTEM
AUTOCAD CIVIL (LMS TECH)
CAD FILENAME
1695-D-62481-RD-7.DWG



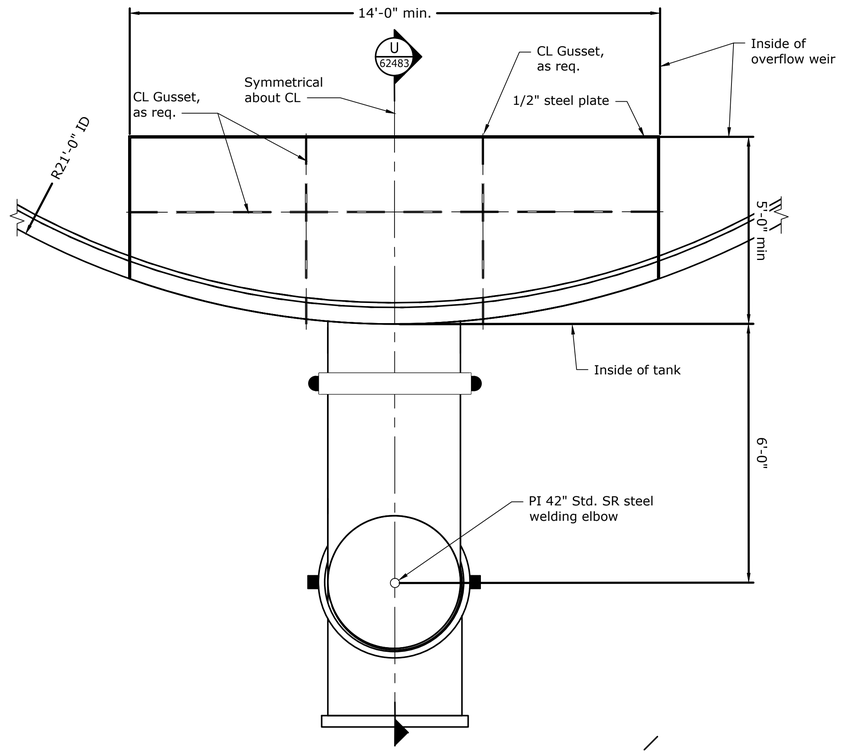
N 62481 SECTION
SCALE: 1 1/2" = 1'



3 DETAIL
SCALE: 3" = 1' (62479, 62480)



S SECTION
SCALE: 1 1/2" = 1'



1 DETAIL
SCALE: 1/2" = 1' (62479, 62480)

NOTES

1. For General Notes see Dwg. (62475).
2. For valve information see Valve Schedule, Dwg. (62477).
3. For orifice plate information see Orifice Plate Schedule, Dwg. (62477).
4. Tank anchors and anchor welds to be determined by tank manufacturer. Use template for anchor bolt spacing to verify correct location of anchors subject to Government approval. See Detail 3.
5. Tank hatches and other openings shall be water and light tight with the hatch lip 4 inches above the tank roof.
6. Stand pipe supports are conceptual only.
7. Overflow weir box, weir box supports, and overflow pipe supports are conceptual only, Contractor to design. Overflow pipe and supports shall accommodate differential settlement.

0 1' 2' 4' SCALE: 1/2" = 1'-0"
0 1/2' 1' 1 1/2' SCALE: 1 1/2" = 1'-0"
0 3" 6" 9" SCALE: 3" = 1'-0"

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NEW MEXICO

SAN JUAN LATERAL - BLOCK 2 - 3
SAN JUAN LATERAL WATER TREATMENT PLANT
REGULATING TANKS

REV NO	DATE	
1	2026-06-04	D Remove 6" tank drain, correct weir elevation
	Baca, Brantly (Brant) Q P.E.	

Cory Bondurant
DESIGNED
Cory Bondurant
DRAWN
Kyle Taylor
CHECKED
Baca, Brantly (Brant) Q P.E.
TECH. APPR.
Young, Cody A P.E.
APPROVED
ADMIN APPROVAL -

DENVER, CO 2026-04-07

WELDED STEEL TANK

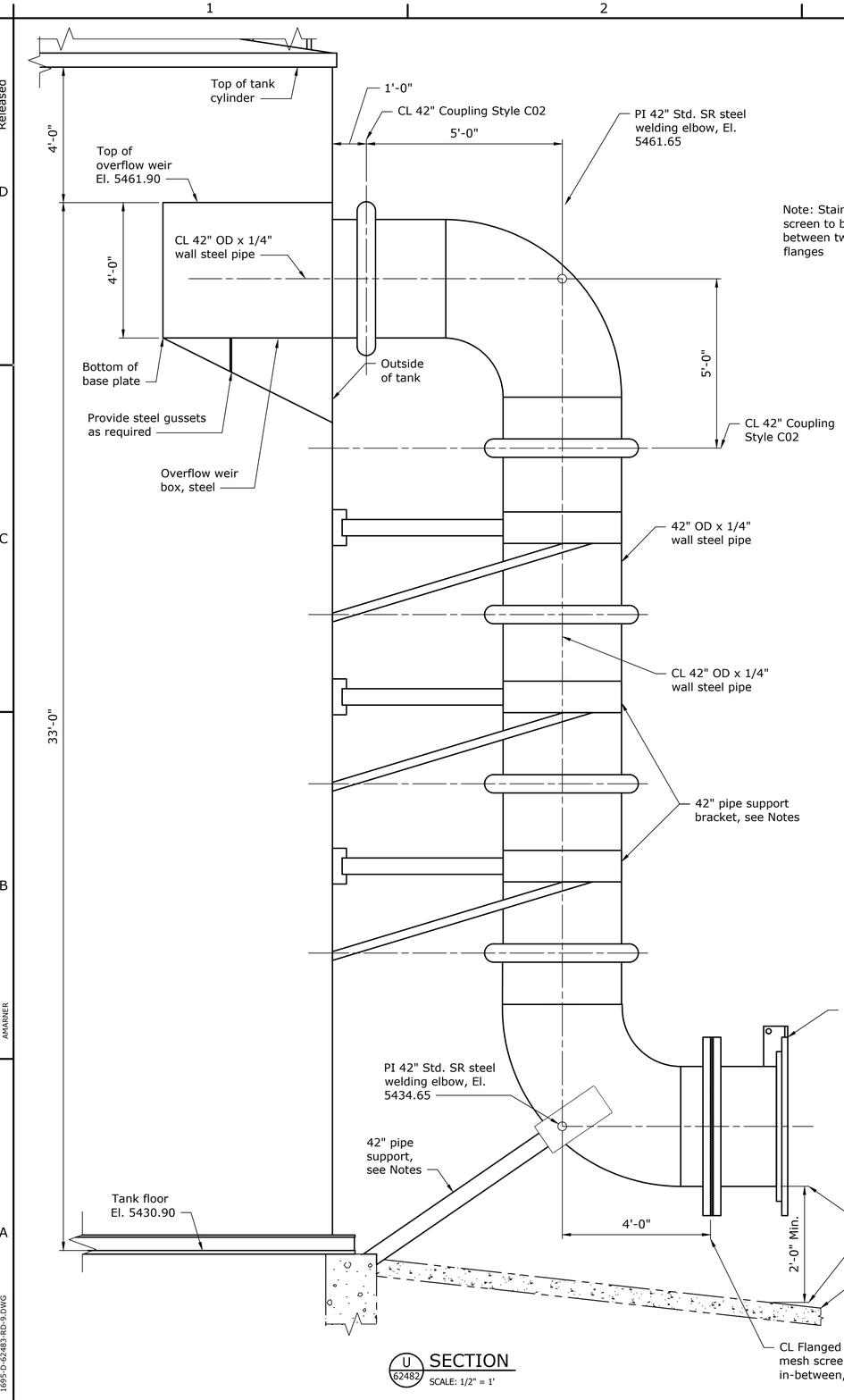
SECTIONS AND DETAILS

1695-D-62482
SHEET

LAST SAVED DATE
2026-06-04
LAST SAVED BY
AMARNER

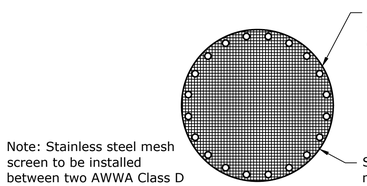
CAD SYSTEM
AutoCAD Civil 3D (LMS TECH)
CAD FILENAME
1695-D-62482-RD-8.DWG

Released



U 62482 SECTION

SCALE: 1/2" = 1'



MESH SCREEN DETAIL

SCALE: 3/4" = 1'

NOTES

1. For General Notes see Dwg. (62475).
2. Overflow weir box, weir box supports, and overflow pipe supports are conceptual only. Contractor to design. Overflow pipe and supports shall accommodate differential settlement.
3. For equipment information see Equipment Schedule, Dwg. (62477).
4. For orifice plate information see Orifice Plate Schedule, Dwg. (62477).

0 1' 2' 4' SCALE: 1/2" = 1'-0"

0 1' 2' 3' SCALE: 3/4" = 1'-0"

0 1' 2' SCALE: 1" = 1'-0"

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BUREAU OF RECLAMATION
NAVAJO-GALLUP WATER SUPPLY PROJECT
NEW MEXICO

SAN JUAN LATERAL - BLOCK 2 - 3

SAN JUAN LATERAL WATER TREATMENT PLANT
REGULATING TANKS

REV NO	DATE	BY	DESCRIPTION
1	2026-06-04	Baca, Brantly (Brant) Q P.E.	D Remove 6" tank drain, correct weir elevation

Cory Bondurant — DESIGNED
Cory Bondurant — DRAWN
Kyle Taylor — CHECKED
Baca, Brantly (Brant) Q P.E. — TECH. APPR.
Young, Cody A P.E. — APPROVED ADMIN APPROVAL -
DENVER, CO 2026-04-07

WELDED STEEL TANK

SECTION AND DETAILS

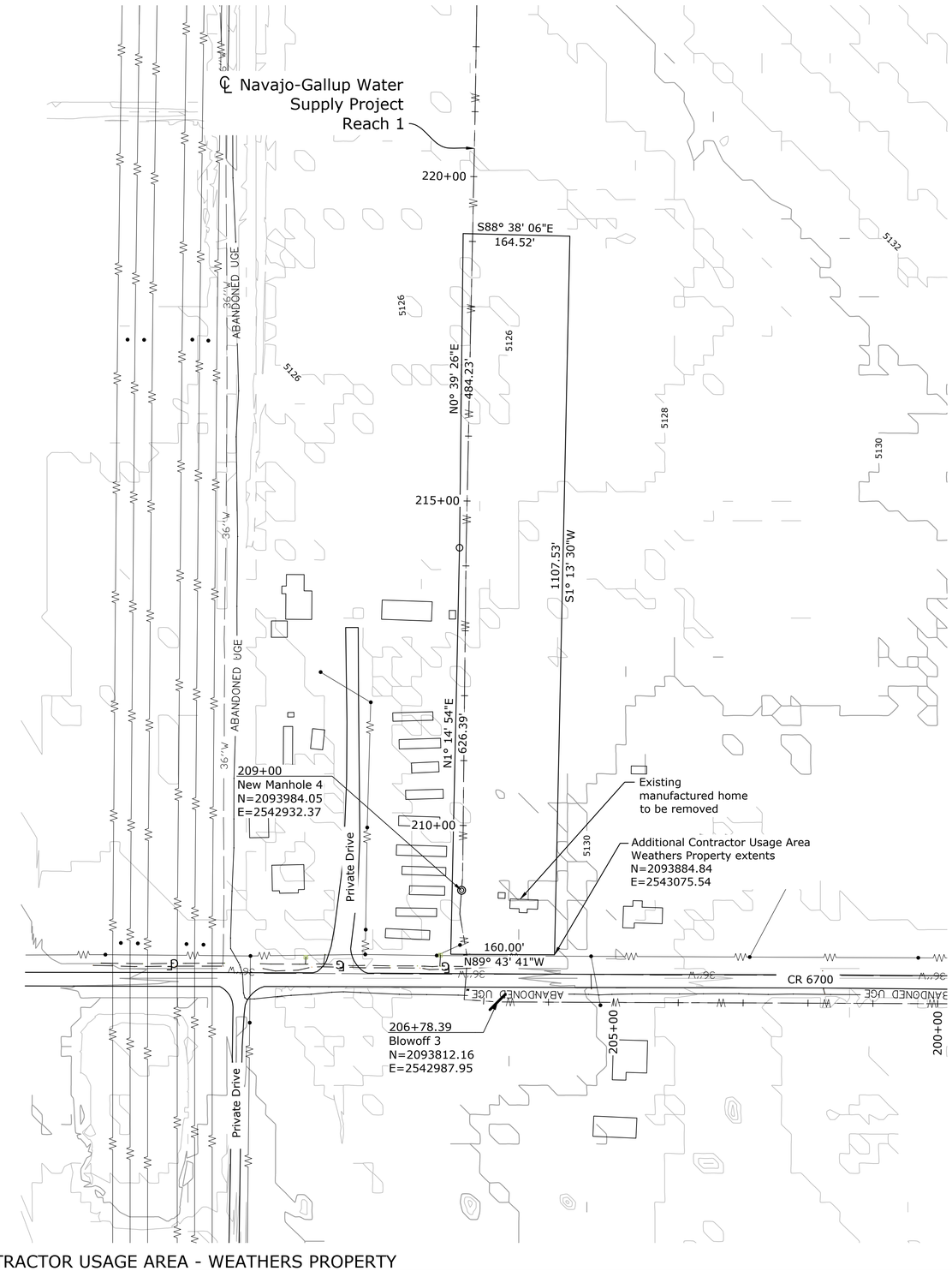
1695-D-62483

SHEET

Released

LAST SAVED DATE
2026-06-04
LAST SAVED BY
AMARNER

CAD SYSTEM
AUTOCAD CIVIL 3DS (LMS TECH)
CAD FILENAME
1695-D-62483-RD-9.DWG



ADDITIONAL CONTRACTOR USAGE AREA - WEATHERS PROPERTY

1" = 100'

NOTES

1. Contractor usage area extents limited to the extents shown of the Weathers property due to active irrigation ditches to the north and west.
2. Extents are based off of Amended Boundary Survey Plat for U.S. Bureau of Reclamation of the Weathers Tracts Vicinity of Fruitland, San Juan County, New Mexico, January 8, 2024 prepared by Precision Surveys, Inc. N.M.P.S. No 11993.

FOR INFORMATION ONLY

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BUREAU OF RECLAMATION
NAVAJO-GALLUP WATER SUPPLY PROJECT
NEW MEXICO

SAN JUAN LATERAL - REACH 1

PIPELINE IMPROVEMENTS

K. WHITESELL	DESIGNED
K. WHITESELL	DRAWN
A. MARNER	CHECKED
Marner, Andrew (Andy) J P.E.	TECH. APPR.
Pelzer, Kylie C P.E. Civil Engineer	APPROVED PEER REVIEWER
DENVER, CO	2024-12-04

ADDITIONAL
CONTRACTOR USE AREA

WEATHERS PARCEL

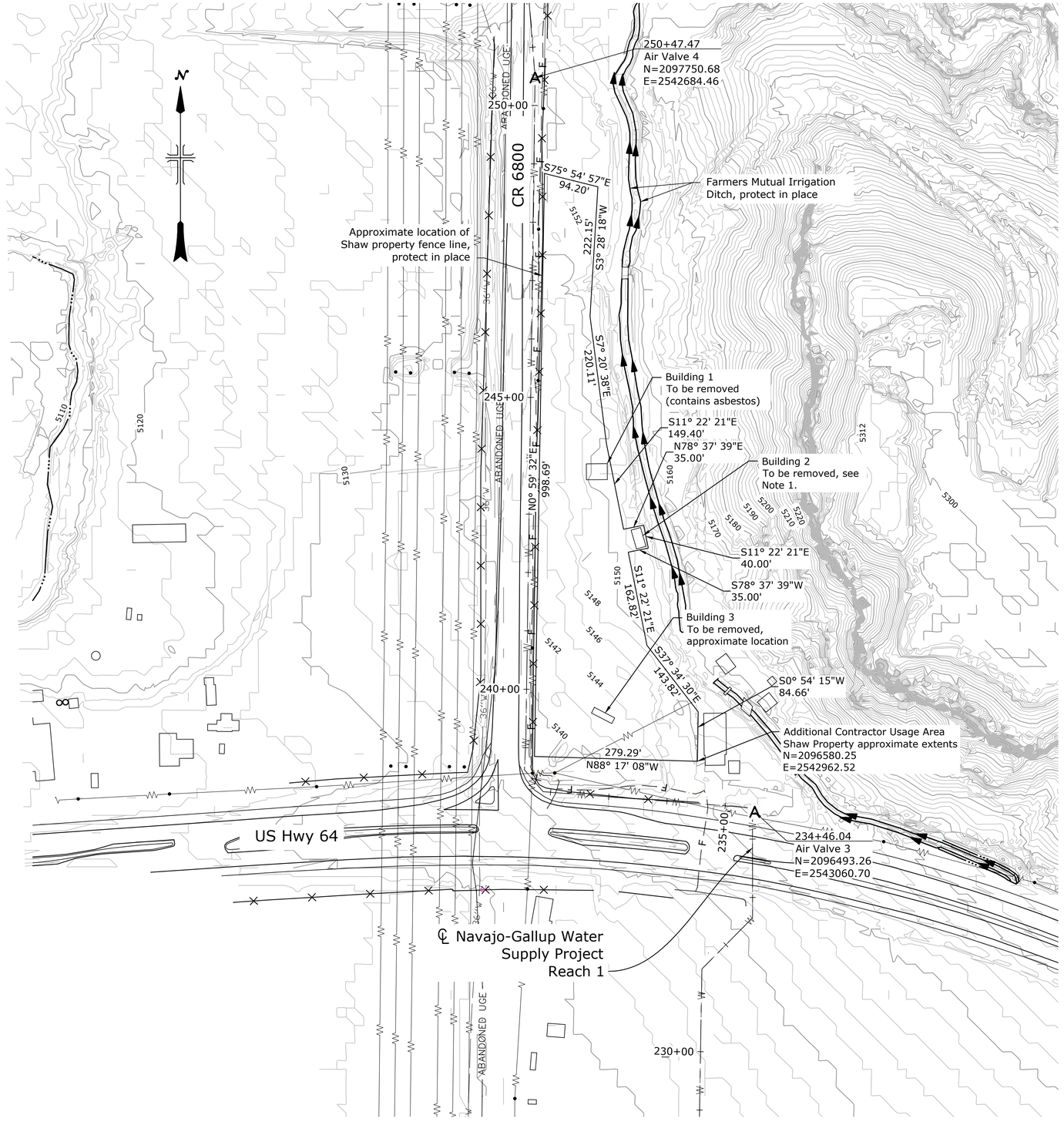
1695-D-62329

SHEET 24

Released

LAST SAVED DATE
2024-12-04
LAST SAVED BY
AMARNER

CAD SYSTEM
AutoCAD Civil 3D (LMS TECH)
CAD FILENAME
1695-D-62329-RD-24.DWG



ADDITIONAL CONTRACTOR USAGE AREA - SHAW PROPERTY

1" = 100'

NOTES

1. Contractor usage area extents are to provide a 50 ft offset minimum from the the Farmers Mutual Irrigation Ditch which flows through the Shaw property. Minimal to no ground disturbance should take place within this buffer at building 2.
2. Extents are based off of Amended Boundary Survey Plat of the Shaw Tracts Lots 6 & 7, Section 5, Township 29 North, Range 15 West, New Mexico Prime Meridian, Vicinity of Fruitland, San Juan County, New Mexico, April 5, 2024 prepared by Precision Surveys, Inc. N.M.P.S. No 11993.

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U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

NAVAJO-GALLUP WATER SUPPLY PROJECT
NEW MEXICO

SAN JUAN LATERAL - REACH 1

PIPELINE IMPROVEMENTS

REV NO	DATE	BY	DESCRIPTION
1	2025-02-27	Marner, Andrew (Andy) J P.E.	Revise Contractor use area to include building 2 for removal

K. WHITESELL
DESIGNED
K. WHITESELL
DRAWN
A. MARNER
CHECKED
Marner, Andrew (Andy) J P.E.
TECH. APPR.
Pelzer, Kylie C P.E.
APPROVED Civil Engineer
PEER REVIEWER

DENVER, CO 2025-02-06

ADDITIONAL CONTRACTOR USE AREA

SHAW PARCEL

1695-D-62330

SHEET 25

LAST SAVED DATE
2025-02-27
LAST SAVED BY
AMARNER

CAD SYSTEM
AUTOCAD 2025 (LMS TECH)
CAD FILENAME
1695-D-62330-RD-25.DWG

Released